



IAPB STANDARD LIST

of Equipment, Drugs and Consumables for
VISION 2020 Eye Care Service Units



**Medicines, Equipment,
Instruments, Optical Supplies
and Educational Resources**

Published by International Agency
for the Prevention of Blindness



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Introduction

I am happy to present the latest edition of the *IAPB Standard List of Equipment, Drugs and Consumables for VISION 2020 Eye Care Service Units*. The Standard List documents medicines, equipment, instruments, optical supplies and educational resources, and their various suppliers from around the world. This document is published by the International Agency for the Prevention of Blindness (IAPB), as a service to the global initiative for the elimination of avoidable blindness, VISION 2020: The Right to Sight.

Updated every two years, the Standard List aims to assist programme managers and medical personnel to set up and manage eye care services. It suggests equipment, instruments and supplies required for a primary and secondary level (district) eye care unit, serving a population of 500,000-1,000,000.

In my experience, community-level eye care units are at the forefront of efforts to tackle the causes and effects of avoidable blindness and visual impairment, and they are critical to the success of VISION 2020. The global initiative envisages eye care service units which function within, and strengthen existing health systems. In this model, eye care services including surgical services may be planned, implemented, and managed by surgical teams and a supporting network of health workers. A revenue generation base such as the sale of spectacles may also contribute to economic sustainability. This document is prepared in order to meet the needs of such successful units.

The Standard List is made possible by the untiring efforts of the IAPB Technology Programme Committee, chiefly its Chair Ingrid Mason of CBM, Philip Hoare of Sightsavers International and Michael Wortmann, also of CBM. I would like to gratefully acknowledge their generous contributions to the compilation process.

The Technology Committee performs a key service to IAPB's many member organisations and to those working to provide essential services in underserved areas. The committee's remit is to advise and advocate for cost-effective medicines, equipment and maintenance of VISION 2020 eye care services.

We hope that this list will aid you in planning and maintaining supplies and equipment, in order to build high-quality, sustainable eye care services, helping to ensure that everybody in your community enjoys the right to sight.

Christian Garms

President International Agency for the Prevention of Blindness

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The mention of specific companies or of certain manufacturer's products does not imply that they are endorsed or recommended by the World Health Organization in preference to others of a similar nature that are not mentioned.

Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

The list of suppliers is provided to help in obtaining information. It is not comprehensive and other suppliers are available. The prices quoted are approximate and do not include shipping costs. All prices are given in Euros. Orders for items on the list should be sent direct to the suppliers.

While the items on the list are chosen for their quality, the VISION 2020 Technology Programme Committee can accept no responsibility for specific items. The authors have no financial interest in any item listed.

Some sections, notably the items in the section on the Local Production of Eye Drugs (LPED), may be governed by a national regulatory authority and it is advisable to check with the relevant authority when drawing up a list for order.

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1. Pharmaceuticals and Eye Medicines

Description	Unit	Suppliers	Approx. Unit Price Euro €
1.1 Antibiotics			
Azithromycin Suspension 200mg/5ml suspension (15ml)	1 pc	IMR	25.00
Azithromycin Tablets 250mg	4 pcs	IMR	6.25
Ceftazidime Injection 1g for intravitreal injection	1 pc	IMR	3.75
Cefuroxime Injection 750mg	1 pc	KHO	2.25
Chloramphenicol 1% Eye Ointment 5g	100 pcs	IMR	8.75
Chloramphenicol Eye Drops 0.5%, 10ml	100 pcs	AUR	0.50
Ciprofloxacin Eye Drops 0.3% in 5ml	100 pcs	AUR	17.50
Co-trimoxazole Tablets 400mg + 80mg	1000 tabs	IMR	8.50
Gentamicin Eye Drops 0.3%, 10ml	100 pcs	IMR	16.25
Gentamicin Injection 40mg/ml, 2ml for sub-conjunctival use	100 pcs	IMR	4.75
Povidone Iodine 10% Aqueous Solution (200ml)	1 pc	IMR	1.00
Tetracycline Ointment 1% – 5gm	100 pcs	IMR	8.75
Vancomycin 500mg for injection	1 pc	DIF	21.00
1.2 Steroids			
Dexamethasone Eye Drops 0.1%, 5ml	100 pcs	IMR	25.00
Dexamethasone Sodium Phosphate 4mg/ml, 1ml Injection for sub-conjunctival injection	100 pcs	IMR	3.75
Prednisolone Eye Drops Sodium Phosphate 0.5% 10ml	1 pc	AUR	4.50
Prednisolone Eye Drops Acetate 1% 5ml	1 pc	AUR	0.75
Prednisolone Tablets 5mg	1000 pcs	IMR	5.00
1.3 Antibiotics and Steroid Combinations			
Betamethasone 0.1% – Neomycin 0.5% Eye Ointment, 3g	100 pcs	AUR	17.50
Gentamicin 0.3% + Dexamethasone Eye Drops 0.1% 5ml	100 pcs	AUR	20.25
Ofloxacin 0.3% + Prednisolone Sodium Phosphate Eye Drops 0.5%	1 pc	AUR	4.00
1.4 Antifungals			
Econazole Eye Drops 2% 5ml vial	1 pc	AUR	2.50
Natamycin 1% Eye Ointment 5g	1 pc	IMR	7.00
Natamycin Eye Drops 5% Suspension 5ml	1 pc	AUR	2.00
1.5 Mydriatics/Dilating Drops			
Adrenaline 1mg/ml Injection	100 amps	IMR	9.50
Atropine Sulphate Eye Drops 1% 5ml	100 botts	AUR	25.00
Atropine Eye Ointment 1% 3gm	1 pc	AUR	0.50
Cyclopentolate 0.5% + Phenylephrine Eye Drops 2.5%, 5ml	1 pc	AUR	0.75
Cyclopentolate Hydrochloride 1% Eye Drops 5ml (keep cool 2-8°C)	1 bott	IMR	10.25
Phenylephrine Hydrochloride Eye Drops 5% 5ml	1 bott	AUR	0.75
Tropicamide Eye Drops 1% 5ml	100 pcs	KHO	51.50
Tropicamide 0.8% + Phenylephrine 5% 5ml	100 pcs	AUR	60.00
1.6 Miotics/Glaucoma Preparations			
Acetazolamide (Diamox) Tablets 250mg	1000 tabs	IMR	15.00
Acetylcholine Chloride 20mg and Solvent (Miochol Injection)	12 pcs	IMR	250.00
Glycerol 85% 1 litre	1 bott	IMR	5.00
Latanaprost 50mcg/ml Eye Drops, 2.5ml (keep cool 2-8°C)	1 bott	IMR	21.00
Latanaprost 0.005% Timolol Maleate 0.5% Eye Drops 2.5ml (keep cool 2-8°C)	1 bott	IMR	25.00
Pilocarpine Hydrochloride 2% Eye Drops 5ml	100 pcs	KHO	83.75

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Description	Unit	Suppliers	Approx. Unit Price Euro €
1.6 Miotics/Glaucoma Preparations – continued			
Pilocarpine Hydrochloride 4% Eye Drops 10ml	10 botts	AUR	21.25
Pilocarpine Nitrate Ophthalmic Solution 0.5% 1ml Injection (preservative free), for intracameral injection	1 pc	AUR	0.25
Timolol maleate Eye Drops 0.5%, 5ml	100 pcs	IMR	31.25
Fluro-Uracil 250mg/5ml	1 pc	KHO	3.25
1.7 Anti-Allergics			
Sodium Chromoglycate Eye Drops 2%, 5ml	1 bott	IMR	5.50
Sodium Chromoglycate Eye Drops 2%, 10ml	1 pc	AUR	0.75
Zinc Sulphate Eye Drops 0.25% 5ml	1 bott	IMR	0.50
1.8 Anti-Virals			
Acyclovir Tablets 200mg	100 pcs	IMR	2.50
Acyclovir Eye Ointment 3% 4.5gm	100 pcs	IMR	64.75
Ganciclovir Injection – 500mg per Vial	5 pcs	DIF/IMR	312.50
1.9 Local Anaesthetic Preparations			
Amethocaine (Tetracaine) Hydrochloride 0.5% Eye Drops 10ml	100 pcs	IMR	120.00
Proparacaine Hydrochloride 0.5% 5ml Eye Drops – Equivalent to Amethocaine Eye Drops Hydrochloride 0.5% 5ml (IDA 10ml Vial)	1 bott	IMR	POA
Bupivacaine Hydrochloride 0.5% 20ml Injection	10 vials	IMR	12.00
Lignocaine Injection Hydrochloride 2% + Adrenaline, 1:100,000 50ml	10 vials	IMR	5.00
Lignocaine Injection Hydrochloride 2% Plain 20ml	10 vials	IMR	3.50
1.10 General Anaesthetic Preparations			
Halothane 250ml (special packing for air freight required, IATA ID No.: 8027, UN 3334)	1 bott	IMR	17.50
Ketamine Hydrochloride 50mg/ml Injection, 10ml	10 vials	IMR	5.00
Neostigmine Methylsulphate 2.5mg/ml 1ml Injection	10 amps	IMR	10.00
Propofol (Diprivan) 1% (10mg/ml), 20ml Injection	25 amps	IMR	45.00
Suxamethonium Chloride 50mg/ml, 2ml Injection (Keep cool 2-8°)	100 amps	IMR	20.00
Thiopentone Sodium 500mg Injection	50 vials	IMR	30.00
1.11 Analgesic and Anti-Inflammatory Tablets			
Acetylsalicylic Acid Tablets 500mg	1000 tabs	IMR	2.50
Ibuprofen Tablets 200mg	1000 tabs	IMR	4.50
Ibuprofen Tablets 400mg	1000 tabs	IMR	6.50
Paracetamol Tablets 500mg	1000 tabs	IMR	2.75
1.12 Anti-Metabolites			
Fluorouracil 50mg/ml, 5ml	1 vial	IMR	3.50
Fluro-Uracil 50mg/ml, 10ml	1 vial	IMR	4.50
1.13 Others			
Aurogreen Angiography 25mg	1 pc	AUR	35.00
Fluorescein Strips	100 pcs	AUR	5.00
Hyaluronidase 1,500 IU Injection, 1ml Ampoule	100 pcs	AUR	138.25
Multivitamin Tablets (coated)	1000 tabs	IMR	1.75
Paraformaldehyde Tablets 1g	500 tabs	IMR	35.00
PeraSafe 81g (sterilising solution for outreach) for 5ltr. (24 sachets per pack)	1 pc	DIF	52.50
Vitamin A Capsules 200,000 IU	500 pcs	IMR	1.00

2. Local Production of Eye Drops (LPED), Materials and Equipment

Description	Unit	Suppliers	Approx. Unit Price Euro €
2.1 Raw Materials			
Note 1: Where possible unit prices are given. Some raw materials may not be available as ONE piece. Where this applies raw materials are given as minimum quantities			
Note 2: Refer to Publication: Local Small-Scale Preparation of Eye Drops (2002 Update)			
Note 3: Some powders may be subject to minimum quantities			
Gentamicin Sulphate (100g)	1 pc	DIF	28.00
11gms of Gentamicin Powder = 400 bottles of 0.3%			
Atropine Sulphate (100g)	1 pc	DUR	185.00
20gms of Atropine Powder = 400 bottles of Atropine 1%			
Tetracaine Hydrochloride (Amethocaine Hydrochloride) – (500g)	1 pc	DUR	360.00
10gms of Tetracaine Powder = 400 bottles of Amethocaine 0.5%			
Prednisolone Disodium Phosphate (100g)	1 pc	DIF	175.00
21.75 gms of Prednisolone Powder = 400 bottles of Prednisolone 1%			
Methylcellulose 400cps (mid-viscosity.) – (1000g)	1 pc	DIF	43.00
40gms of Methylcellulose Powder = 400 bottles of Artificial Tears 2%			
Fluorescein Sodium (100g)	1 pc	DIF	19.00
Phenylephrine Hydrochloride (100g)	1 pc	DIF	29.00
Cyclopentolate Hydrochloride (250g – Minimum quantity 15 pcs)	1 pc	DUR	1,100.00
200gms of Phenylephrine and 20gms of Cyclopentolate Powder			
Timolol Maleate (100g)	1 pc	DIF	172.00
10gms of Timolol Powder = 400 bottles of Timolol 0.5%			
Pilocarpine Powder (100g)	1 pc	DIF	285.00
80gms of Pilocarpine Powder = 400 bottles of Pilocarpine 4%			
Trifluorothymidine (F3T) – (10g)	1 pc	DIF	14.00
1gm of F3T Powder makes 20 bottles of F3T			
Povidone Iodine (1000g)	1 pc	KHO	3.00
Sodium Chromoglycate (250g)	1 pc	DIF	73.00
Benzalkonium Chloride 50% solution (1000g)	1 pc	DUR	170.00
Sodium Metabisulphite (500g)	1 pc	DUR	18.00
Sodium Acid Phosphate Dihydrate (500g)	1 pc	DUR	18.00
Sodium Phosphate Dibasic (500g)	1 pc	DUR	10.00
Disodium Edetate (500g)	1 pc	DUR	13.00
Citric Acid – water free – (500g)	1 pc	DUR	8.00
Phenylmercuric Nitrate (100g)	1 pc	DUR	190.00
Sodium Chloride (500g)	1 pc	DUR	13.00
Sodium Citrate Dihydrate (500g)	1 pc	DUR	14.00
Boric Acid (1000g)	1 pc	KHO	4.00
Sodium Hydroxide Pellets (500g)	1 pc	DUR	15.00
Sodium Tetraborate (500g)	1 pc	DUR	18.00
Universal pH Test Paper, pH1-11, Strips 10 x 75mm (100 pcs)	1 pc	IMR	6.00
STELLA Amber Glass 7ml bottle (1000 pcs)	1 pc	TTM/KHO	35.00
STELLA Pipette, Natural (5500 pcs)	1 pc	TTM/DIF	46.00

Description	Unit	Suppliers	Approx. Unit Price Euro €
2.1 Raw Materials – Continued			
STELLA Cap, White (2750 pcs)	1 pc	DUR	142.00
<i>(Bottles are also available in 10ml, 15ml and 20ml)</i>			
<i>For all electrical equipment please give the voltage of your country to the supplier. Voltage stabilisers should be used with any sensitive piece of electrical equipment.</i>			
2.2 Equipment for local production of Eye Drops			
Hand Vacuum Pump with Manometer 36ml, 326/0026/20	1 pc	DUR	130.00
Filter Assembly 250ml Head, Funnel and 2 Viton Rings for 50mm Disc	1 pc	DUR	45.00
Filter Disc, 50mm, Porosity 3, 402/0970/23	1 pc	DUR	40.00
Filter Flask, Nalgene, 1000ml, 236/0930/02	1 pc	DUR	44.00
Vacuum Gasket Filtration Sleeve, pkt of 6, 402/0845/00	6 pcs	DUR	56.00
Filter Head 250ml (spare) 402/0970/64	1 pc	DUR	34.00
Viton Sealing Ring, 50mm disc, pkt of 10 (spare)402/0970/54	10 pcs	DUR	4.00
Complete Standard Filtration Unit with 2 sets of spares (as above)	1 set	DUR	353.00
Measuring Cylinder Graduated 'Nalgene' Autoclavable, 10ml	1 pc	TTM	4.00
Measuring Cylinder Graduated 'Nalgene' Autoclavable, 50ml	1 pc	TTM	5.00
Measuring Cylinder Graduated 'Nalgene' Autoclavable, 100ml	1 pc	TTM	6.00
Measuring Cylinder Graduated 'Nalgene' Autoclavable, 250ml	1 pc	TTM	10.00
Measuring Cylinder Graduated 'Nalgene' Autoclavable, 500ml	1 pc	TTM	13.00
Measuring Cylinder Graduated 'Nalgene' Autoclavable, 1000ml	1 pc	TTM	17.00
Beaker Pyrex, 250ml	1 pc	TTM	4.00
Beaker Pyrex, 600ml	1 pc	TTM	5.00
Beaker Pyrex, 1000ml	1 pc	TTM	8.00
Nalgene Beaker Autoclavable, 1000ml	1 pc	TTM	10.00
Nalgene Beaker Autoclavable, 250ml	1 pc	TTM	8.00
Measuring Jug Stainless Steel, 500ml	1 pc	TTM	9.00
Measuring Jug Stainless Steel, 1000ml	1 pc	TTM	13.00
Pestle and Mortar Glass Heavy, 100mm	1 pc	TTM	23.00
Stirring Rod	10 pcs	TTM	5.00
Aspirator 2 Litre	1 pc	TTM	60.00
Aspirator 5 Litre	1 pc	TTM	75.00
Stop Cock for above	1 pc	TTM	24.00
Bottles with glass stopper, 500ml	1 pc	TTM	7.00
Bottles with glass stopper, 1000ml	1 pc	TTM	9.00
Funnels Pyrex	1 pc	TTM	8.00
Spatula Stainless Steel – Pack of 10	1 pc	TTM	4.00
Timer	1 pc	TTM	4.00
Complete Set of Standard Glassware	1 set	TTM	331.00
Balance (Cent-O-Gram 311) (Vinyl Dust Cover included)	1 pc	DUR	160.00
Manesty 'L4 Diamond' Water Still art. No.8340770 (Wall Mounted, incl. Service Kit)	1 pc	MAN/DUR	1,500.00
Autoclave – Medium, electric, vertical type, top loading with removable lid. Overall height 42.5cm, internal dimensions 32.1cm diameter x 29.7cm depth, Capacity 24L, Electric. Automatic thermostatic control, pressure gauge and release valve, lid secured with 8 hand clamps. Supplied with aluminum inner with rack, and internal stand	1 pc	KHO/DEE	190.00

Description	Unit	Suppliers	Approx. Unit Price Euro €
2.2 Equipment for local production of Eye Drops – Continued			
Autoclave – Medium, non electric, vertical type, top loading with removable lid. Overall height 42.5cm, internal dimensions 32.1cm diameter x 29cm depth, Capacity 24L. For use over any heat source. With pressure gauge and release valve, lid secured with 8 hand clamps. Supplied with aluminium inner container with rack and internal stand	1 pc	KHO/DEE	134.00
Sterilising Drums – Medium 9.5” x 9.5” (240mm x 240mm)	1 pc	TTM	15.00
Sterilising Drums – Small 6” x 6” (150mm x 150mm)	1 pc	TTM	10.00
Electric Hot Plate for Non-Electric Autoclave	1 pc	DUR	77.00
Autoclave Tape 55m	1 pc	TTM/DUR	3.00
Water Steamer (White’s), Electric Model	1 pc	DUR/DEE	630.00
Water Steamer (White’s), Non Electric Model	1 pc	DUR/DEE	580.00
Bottle De-Capper 908-047	1 pc	TTM/KHO	68.00
pH meter	1 pc	TTM	47.00
Pressmatic Dispenser	1 pc	DUR	280.00
Reservoir, Amber for Pressmatic Dispenser, 500ml	1 pc	DUR	14.00
Reservoir, Amber for Pressmatic Dispenser, 1000ml	1 pc	DUR	1.00
Delivery Tube for Pressmatic Dispenser	1 pc	DUR	30.00
Outlet Valve for Pressmatic Dispenser	1 pc	DUR	32.00
Suction Valve for Pressmatic Dispenser	1 pc	DUR	27.00
Suction Tube for Pressmatic Dispenser	1 pc	DUR	46.00
Spanner for Pressmatic Dispenser	1 pc	DUR	24.00
Hand Press for Caps and Pipettes	1 pc	MAS	500.00

INTERNATIONAL AGENCY FOR THE PREVENTION OF BLINDNESS

IAPB works in partnership with the World Health Organization to promote the **VISION 2020: The Right to Sight** global initiative for the elimination of avoidable blindness.

Membership of IAPB enables NGOs, professional bodies, institutions and corporations to collaborate effectively to bring real change in delivering eye health, and the right to sight to people all over the world.



For more information, visit our website: **www.IAPB.org**

3. Operating Room Items

Description	Unit	Suppliers	Approx. Unit Price Euro €
3.1 Sutures			
<i>International colour coding has been given for the sutures</i>			
10-0 Nylon, Spatulated 6mm Needle, Double Armed (12 pcs), Green	1 pc	AUR/TRO	10.00
10-0 Nylon, Spatulated 6mm Needle, Single Armed (12 pcs), Green	1 pc	AUR	10.00
10-0 Vicryl Spatulated 6mm Needle, Single Armed – (For Single Use Only) – (12 pcs), Purple	1 pc	AUR	10.00
9-0 Nylon, Spatulated 6mm Needle, Double Armed (12 pcs), Green	1 pc	AUR/TRO	10.00
9-0 Nylon, Spatulated 6mm Needle, Single Armed (12 pcs), Green	1 pc	AUR	15.00
6-0 Vicryl, Cutting 20mm Needle, Single Armed – (For Single Use Only) – (24 pcs), Purple	1 pc	AUR/SW	39.00
Cutting Eye Needles for Lid Surgery, Superior Rectus (12 pcs)	1 pc	FSSB/KHO	9.00
4-0 Black Braided Silk on Reel, Superior Rectus – (For Single Use Only) – (90m). Light Blue	1 pc	AUR/SW	10.00
6-0 Synthetic Catgut, 3/8 Spatulated Needle – (For Single Use Only) – (36 pcs), Brown	1 pc	SW	335.00
3.2 Gloves			
Latex Gloves Size 6.5 Sterile Pre-Powdered – (For Single Use Only) – (50pairs)	1 pack	TTM/TRO	8.00
Latex Gloves Size 7.0 Sterile Pre-Powdered – (For Single Use Only) – (50pairs)	1 pack	TTM/TRO	8.00
Latex Gloves Size 7.5 Sterile Pre-Powdered – (For Single Use Only) – (50pairs)	1 pack	TTM/TRO	8.00
Latex Gloves Size 8.0 Sterile Pre-Powdered – (For Single Use Only) – (50pairs)	1 pack	TTM/TRO	8.00
Note: Minimum order 500pairs			
3.3 Needles and Syringes			
<i>International colour coding has been given for the needles</i>			
Hypodermic Sterile Needle 25g x 5/8" (0.5mm x 16mm) – (For Single Use Only) – (100) – Orange	1 pack	KHO/TRO/DUR	2.00
Hypodermic Sterile Needle 23g x 1" (0.6mm x 25mm) – (For Single Use Only) – (100) – Blue	1 pack	KHO/TRO/DUR	1.50
Hypodermic Sterile Needle 26g x 3/4" (0.5mm x 17mm) – (For Single Use Only) – (100) – Cream	1 pack	KHO/TRO/DUR	2.00
Hypodermic Sterile Needle 30g x 1/2" (0.3 x 13mm) – (For Single Use Only) – (100) – Yellow	1 pack	KHO/TRO/DUR	2.00
Retrobulbar Needle 26g x 1 1/2" (0.5mm x 38mm) – Reusable (10)	1 pack	DUR/GEU	14.00
Sub-Tenon's Anaesthesia Cannula Smooth Tip Tri. K-2268	1 pack	KHO	6.00
Syringes 2ml Sterile – (For Single Use Only) – (100)	1 pack	DUR/TTM	2.00
Syringes 5ml Sterile – (For Single Use Only) – (100)	1 pack	DUR/TTM	3.00
Syringes 10ml Sterile – (For Single Use Only) – (100)	1 pack	DUR/TTM	4.00
3.4 Dressings			
Cotton Wool 500gms (10 pcs)	1 pack	KHO/TTM	3.00
Crepe Elastic Bandage 8cm x 4m (10 pcs)	1 pack	KHO/TTM	4.00
Gauze Roll 90cm x 91m (10 pcs)	1 pack	TTM	80.00
Zinc Strapping 2.5cm x 5m (10 pcs)	1 pack	TTM	6.00
Eye Pad	100 pcs	TTM	15.00
Plastic Eye Shield	100 pcs	TTM	15.00
3.5 Furniture			
Dressing Trolley Stainless Steel Packed Flat 61cms x 46cms with Castors	1 pc	KHO/DEE	170.00
Surgeon's Stool With Castors EPC Finish with Cushion	1 pc	KHO/DEE	36.00

Description	Unit	Suppliers	Approx. Unit Price Euro €
3.5. Furniture – Continued			
Surgeon's Stool with 4 Stumps EPC Finish with Cushion	1 pc	KHO/DEE	40.00
Operating Table with adjustable height and tilting mechanism with accessories	1 pc	KHO/DUR	1,400 – 5,250
3.6 Intraocular Lenses and Supplies			
3.6.1 PMMA Lenses			
Posterior Chamber Standard Dioptre 22D one piece, 6.0 diameter, 12.5mm length, Two Holes	1 pc	AUR	1.50
<i>Dioptre 10.0D TO 30.0D – to be advised when ordering</i>			
Posterior Chamber Standard Dioptre 22D one piece, 6.0 diameter, 12.5mm length, No Holes	1 pc	AUR	1.50
<i>Dioptre 10.0D TO 30.0D – to be advised when ordering</i>			
Anterior Chamber 4 point fixation	1 pc	AUR	1.50
<i>Dioptre – to be advised when ordering</i>			
3.6.2 Square Edge PMMA			
Posterior Chamber Square Edged PMMA IOL	1 pc	AUR	1.50
<i>Dioptre 10.0D TO 30.0D – to be advised when ordering</i>			
3.6.3 Small Incision Cataract Surgery (SICS)			
PMMA Single Piece Lens, 5mm Diameter, 12.0mm Length, Modified C Loop	1 pc	AUR	1.50
<i>Dioptre 8.0D to 30.0D – to be advised on ordering</i>			
3.6.4 Foldable Lenses			
Foldable (HEMA) Hydrophilic, 5.75mm Diameter, 12.25mm Length, Modified C Loop with Injectable Cartridge and Disposable Plunger.	1 pc	AUR	12.00
<i>Dioptre 10.0D to 30.0D – Request dioptre on ordering</i>			
3.6.5 Supplies For Lenses			
Trypan Blue 0.06% 1ml Injection (Box of 5 vials)	1 pack	AUR/PHA	6.00
Scleral Fixation Rings Size 12.00mm to 10mm – CTR10	1 pc	AUR	3.00
Scleral Fixation Rings Size 13.00mm to 11mm – CTR11	1 pc	AUR/KHO	3.00
Ringers Lactate Solution one litre bags with IVI set (10 pcs) – Source locally	1 pack	DUR	9.00
Methylcellulose HPMC in Pre-filled Syringes with Cannula 2ml	1 pc	AUR/PHA	1.50
Sodium Hyaluronate 1.4% 1ml PFS	1 pc	AUR	7.00
3.7 Cataract Kits			
A Kit Consists of Consumables for 5 ECCE IOL Operations. (Appendix 1)	1 pc	AUR	45.00
A Kit Consists of Consumables for 5 Small Incision IOL Operations. (Appendix 2)	1 pc	AUR	47.00
<i>The kit can be customised to your needs.</i>			
<i>For all electrical equipment please give the voltage of your country to the supplier. Voltage stabilisers should be used with any sensitive piece of electrical equipment.</i>			
3.8 Cautery Machines			
Aurolab Bipolar Cautery with Cable, Probe and Forceps	1 pc	AUR	145.00
Spare Cable for Bipolar	1 pc	AUR	15.00
Spare Forceps for Bipolar	1 pc	AUR	17.00
Micro Surgical (wet-field cautery)/Bipolar Coagulator K-6016 – supplied with one standard forceps and autoclavable cable. Foot switch operated	1 pc	KHOSLA	435.00
Mcphersons Forceps	1 pc	KHOSLA	75.00
Disposable/autoclavable cables for use with forceps	1 pc	KHOSLA	75.00

Description	Unit	Suppliers	Approx. Unit Price Euro €
3.9 Sterilisers/Autoclaves			
3.9.1 Instrument Sterilisers			
Melag 23VS Autoclave Benchtop: Class “S” Vacuum Type, Capacity 22L, Chamber Dimensions 25cm Diameter x 45cm Depth. Accommodates up to 6 Sterilisation Trays, (3 Trays included). Sterilises at 121°C or 134°C, with simple programme selection, pulsed flow and final drying function. Interface for PC/Printer. Suitable for hollow and wrapped instruments. Fast programme:12.5mins	1 pc	DUR/TTM	3,400.00
Little Sister 5/SES 225B Class B Vacuum Type, Capacity 22L, Chamber Dimensions 26cm Dia, x 45cm Depth. Sterilises at 121°C or 134°C, with or without Drying Cycle. Suitable for hollow and wrapped instruments. Sterilising Time 18 minutes	1 pc	DUR	6,600.00
3.9.2 Autoclaves			
Autoclave Capacity 39L Large, electric, vertical type, top loading overall height 48.3cms, internal dimensions 38.7cms Diameter x 28cm Depth. Accommodates 1 Sterilisation Drum Max Size 34cm Diameter x 24cm Height. Automatic thermostatic control and 60 minute mechanical alarm ringer, pressure gauge and release valve, lid secured with 8 hand clamps. Supplied with aluminium inner with rack, and internal stand	1 pc	DUR/TTM	1,370.00
Autoclave Capacity 24L – Medium, electric, portable, vertical type, top loading with removable lid. Overall height 42.5cm, internal dimensions 32cm diameter x 22cm depth. Automatic thermostatic control, 60 minute mechanical alarm ringer, pressure gauge and release valve, lid secured with 8 hand clamps. Accommodates 1 Sterilisation Drum Max Size 29cm Diameter x 19cm Height Supplied with aluminium inner with rack, and internal stand	1 pc	DUR/KHO	170.00
Autoclave Capacity 24L – Medium, non electric, vertical type, top loading with removable lid. Overall height 42.5cm, internal dimensions 32cm diameter x 29cm depth, For use over any heat source. With pressure gauge and release valve, lid secured with 8 hand clamps. Accommodates 1 Sterilisation Drum Max Size 29cm Diameter x 19cm Height Supplied with aluminium inner container with rack and internal stand	1 pc	DUR/KHO	135.00
Sterilising Drums – 11.5” x 9.5”, (290mm x 240mm) vent holes in sides with sliding cover bands	1 pc	DUR/TTM	25.00
Sterilising Drums – 9.5” x 9.5” (240mm x 240mm), vent holes in sides with sliding cover bands	1 pc	DUR/TTM	16.00
Sterilising Drums – Small 6” x 6” (150mm x 150mm), vent holes in sides with sliding cover bands	1 pc	DUR	10.00
Iden Vertical Steam Autoclave 90L Capacity, including three sterilising drums. Suitable for linen, gauze and instruments. Sterilising time 2hrs approximately with drying cycle. Includes export case	1 pc	FUL/KHO	5,600.00
Sterilising Drum for Iden 15” x 11”, (390mm x 290mm) – Code WGF1969.004 vent holes in sides with sliding cover bands	1 pc	FUL/KHO	123.00
Sterilising Drum for Iden 15” x 5.5” (390mm x 140mm) – Code WGF1969.003 vent holes in sides with sliding cover bands	1 pc	FUL/KHO	114.00
Spare Gasket for Iden FU030016	1 pc	FUL/KHO	13.00
Autoclave Tape 55m	1 pc	DUR/TTM	3.00
3.10 Anterior Vitrectomy Equipment			
Geuder Vitron 2020 Pneumatic Vitrectomy Unit, including vitrector infusion (sleeve) tubing x 2, 2 x sterile disposable vitrectors (G-28167), footswitch, and transport case. Can be used for outreach requires electricity G-23004	1 pc	GEU	2,480.00
Geuder Disposable Sterile Vitrector, Pneumatic, 20 PSI, 20 Gauge/0.9mm. Can be resterilised in instrument autoclave (2 per box) – G-28167	1 pc	GEU	400.00

Description	Unit	Suppliers	Approx. Unit Price Euro €
3.10 Anterior Vitrectomy Equipment – Continued			
Geuder Anterior Chamber Infusion Cannula (AC Maintainer) 20 Gauge, 0.9mm (2 pcs), can be resterilised in instrument autoclave – G-33416	1 pc	GEU	29.00
Geuder Infusion Tube (Sleeve) Metal, for Vitron 2020 (G-28168/67) with 20 Gauge/0.9mm, sterile – G-28172	1 pc	GEU	98.00
3.11 Operating Microscopes			
3.11.1 Portable Microscopes			
Marco Surgi-Scope3 Operation Microscope with balanced arm and fibre optic light source NB: Floor stand listed separately	1 pc	MARC	5,100.00
Floor stand for Marco Surgi-Scope3	1 pc	MARC	490.00
Scan Optics Portable Microscope SO-111TZ Zoom Magnification, wide field, LED	1 pc	SCAN	5,770.00
Aluminium Case for SO-111TZ Microscope	1 pc	SCAN	465.00
Spare Bulbs and Fuse Pack for Scan Optics SO-161 and SO161R Microscope – (5 Pack) – Code SO-531A	1 pc	SCAN	91.00
Spare Bulb for Scan Optics SO-111W Microscope – (5 Pack) – Code SO-531C	1 pack	SCAN	184.00
3.11.2 Static Microscopes			
<i>For Zeiss only – manuals available in German/English/French/Spanish – please specify. Electrical cabling available for certain countries – please advise country and voltage</i>			
Scan Optics Wet Lab Zoom Magnification Microscope on table stand SO-1700W	1 pc	SCAN	3,560.00
Takagi OM-5 Operating Microscope with rolling floor stand, foot pedal operated, cold light coaxial illumination with halogen lamp, spare lamp housing, tilted eye pieces	1 pc	TAK	6,400.00
Takagi Coaxial Teaching Tube with beam splitter for OM-5	1 pc	TAK	1,500.00
Carl Zeiss OPMI 1FR Operating Microscope with rollable floor stand and aluminium carrying case, not suitable for coaxial teaching tube (total weight approximately 50kg)	1 pc	ZEI	7,700.00
Carl Zeiss OPMI 1FR XY Operating Microscope and S100 Floor Stand, foot pedal activates motorised functions of the floor stand and 5 back-up lamps.	1 pc	ZEI	19,680.00
Carl Zeiss Coaxial Teaching Tube with beam splitter for OPMI 1FR XY	1 pc	ZEI	5,520.00
Spare bulb for Carl Zeiss 1-FR/VISU 150/VISU 160/1-FR XY Operating Microscopes	1 pc	ZEI	105.00
Scan Optics Teaching Microscope with Camera and Video SO-5800 with XY Control	1 pc	SCAN	17,500.00
Spare Bulb for Scan Optics SO-5800 Teaching Microscope – (5 Pack) – Code SO-531B	1 pack	SCAN	185.00
Carl Zeiss OPMI LUMERA T on S7 Floorstand, including 180 degree tiltable tube, integrated assistant scope with straight tube, Xenon illumination, XY – Coupling, Foot Control Panel	1 pc	ZEI	16,800.00
Carl Zeiss 1-CCTV Video Camera with C mount, Video Lens+14" Monitor	1 pc	ZEI	6,500.00
3.12 Operating Lights			
Scan Optics Portable Surgical Light SO-901	1 pc	SCAN	930.00
Spare Bulb and Fuse Pack for Scan Optics SO-901 Portable Surgical Light – Code SO-907 50 Watts	4 pcs	SCAN	91.00
Spare Bulb and Fuse Pack for Scan Optics SO-901 Portable Surgical Light – Code SO-908 20 Watts	4 pcs	SCAN	91.00
3.13 Cryotherapy Machines			
Keeler Cryomatic Console complete with footswitch, high pressure hose, exhaust hose and adjustable spanner (2509-P-1000)	1 pc	KEE	5,200.00
Keeler Adaptor for Connection to F Size CO2 Gas Cylinder (2508-P-7016)	1 pc	KEE	80.00

Description	Unit	Suppliers	Approx. Unit Price Euro €
3.13 Cryotherapy Machines – Continued			
Keeler Pin Index Yoke for E Size CO2 Cylinder (2508-P-7015)	1 pc	KEE	80.00
Keeler Pin Index Yoke for E Size N2O Cylinder (2508-P-7017)	1 pc	KEE	80.00
Keeler Adaptor for Connection to F Size N2O Gas Cylinder (2508-P-7018)	1 pc	KEE	80.00
Keeler 2.5mm Standard Retinal Probe for Cryomatic (2509-P-8000)	1 pc	KEE	1,500.00
Keeler 2.5mm Extended Retinal Probe for Cryomatic (2509-P-8001)	1 pc	KEE	1,500.00
Keeler Cryomatic Trolley (2508-P-7005)	1 pc	KEE	1,555.00
Keeler Cryomatic Pencil Sterilisation Box (2509-P-8015)	1 pc	KEE	42.00
3.14 Essential Equipment for all Local Anaesthetic Procedures			
<i>This list does not cover General Anaesthetic Procedures</i>			
Suction Pump, portable, mains + battery, with single 1200ml suction bottle (reusable), maximum vacuum 550mmHg, maximum flow 27L/min, with vacuum gauge and overflow cut off valve. Includes bacterial filter and carry case with shoulder strap	1 pc	TTM/KHO	250.00
Resuscitator AMBU Adult 2000ml Silicone Bag, with single shutter patient valve, size 5 face mask and oxygen reservoir	1 pc	TTM/KHO	45.00
Resuscitator AMBU Infant/Child 700ml Silicone Bag, with single shutter patient valve, size 1 face mask and oxygen reservoir	1 pc	TTM/KHO	30.00
Paediatric face mask, anaesthetic Size 3 rubber, with hook ring, 22mm fitting	1 pc	TTM/KHO	10.00
Paediatric face mask, anaesthetic Size 4 rubber, with hook ring, 22mm fitting	1 pc	TTM/KHO	10.00
Adult Guedal Airways, Size 2, black rubber autoclavable	1 pc	TTM	1.00
Adult Guedal Airways, Size 3, black rubber autoclavable	1 pc	TTM	1.00
Nellcor Pulse Oximeter N550B, portable, mains/battery operation. Display SpO2 0-100% and pulse rate, with audible and visual alarms. Supplied with disposable sensor assortment pack.	1 pc	DUR/TTM	1,200.00
Nellcor Pulse Oximeter Sensor DS100A adult finger-type, reusable	1 pc	DUR/TTM	124.00
3.15 Paediatric Anaesthesia			
<i>The quantities given are the minimal requirements. This equipment must only be used by trained, competent personnel. Any child undergoing General Anaesthesia must have a full pre-anaesthetic assessment by anaesthetic personnel.</i>			
3.15.1 Equipment			
Operating Table with adjustable height and tilting mechanism with accessories	1 pc	KHO/TTM/DEE	1,400 – 5,250
Oxygen concentrator 525KS, output 5 litres per minute, with oxygen concentration sensor and alarms. 230V AC operation. Includes 2 adult cannulae with 2m tubing, 15m/50' oxygen tubing, 2 connectors, humidifier adaptor kit, humidifier bottle, longlife intake filter	1 pc	DUR	970.00
Electric suction machine (with battery back-up) and accessories e.g. paediatric suction catheters	1 pc	TTM/KHO	240.00
Glostavent® MTF Anaesthesia System (Complete System, including Ventilator, Concentrator, Vapouriser, UPS, AGSS)	1 pc	DIA	16,800.00
Portable Drawover Anaesthesia System (Complete with Lockable Case, Reservoir Capacity 50ml, Patient Circuit Tubes, Self Inflating Bag, Adult and Paediatric Circuit, Valves and Connectors, Instruction Manual)	1 pc	DIA	3,500.00
Anaesthetic Unit: EMO for ether, portable outfit in carrying case. Includes EMO drawover ether inhaler, Oxford inflating bellows, breathing hoses, face mask size 3 head harness, expiratory valves, and connectors	1 pc	DUR	6,104.00
Vaporiser OMV 50 for Halothane use, drawover type. Right to left flow, suitable for use with EMO ether inhaler (fits directly to outlet of EMO)	1 pc	DUR	1,461.00
EMO Paediatric Outfit for use with EMO. Consists of Ayres T piece, connectors, Rendell Baker face mask size 1 – 2	1 pc	DUR	918.00

Description	Unit	Suppliers	Approx. Unit Price Euro €
3.15.1 Equipment – Continued			
Paediatric face mask, anaesthetic Size 0 rubber, with hook ring, 22mm fitting	1 pc	DUR	20.00
Paediatric face mask, anaesthetic Size 1 rubber, with hook ring, 22mm fitting	1 pc	DUR	20.00
Paediatric/Child face mask, anaesthetic Size 2 rubber, with hook ring, 22mm fitting	1 pc	DUR	20.00
Child/Adult face mask, anaesthetic Size 3 rubber, with hook ring, 22mm fitting	1 pc	DUR	20.00
Adult face mask, anaesthetic Size 4 rubber, with hook ring, 22mm fitting	1 pc	DUR	20.00
Paediatric Guedal Airways, Size 00, black rubber autoclavable	1 pc	DUR	4.00
Paediatric Guedal Airways, Size 0, black rubber autoclavable	1 pc	DUR	4.00
Paediatric/Child Guedal Airways, Size 1, black rubber autoclavable	1 pc	DUR	4.00
Child/Adult Guedal Airways, Size 2, black rubber autoclavable	1 pc	DUR	4.00
Adult Guedal Airways, Size 3, black rubber autoclavable	1 pc	DUR	4.00
Paediatric Endotracheal Tubes: RAE preformed south facing, ID Size 2.5mm	1 pc	BUN	20.00
Paediatric Endotracheal Tubes: RAE preformed south facing, ID Size 3.0mm	1 pc	BUN	20.00
Paediatric Endotracheal Tubes: RAE preformed south facing, ID Size 3.5mm	1 pc	BUN	20.00
Paediatric Endotracheal Tubes: RAE preformed south facing, ID Size 4.0mm	1 pc	BUN	20.00
Paediatric Endotracheal Tubes: RAE preformed south facing, ID Size 4.5mm	1 pc	BUN	20.00
Paediatric Endotracheal Tubes: RAE preformed south facing, ID Size 5.0mm	1 pc	BUN	20.00
Paediatric Endotracheal Tubes: RAE preformed south facing, ID Size 5.5mm	1 pc	BUN	20.00
Paediatric Endotracheal Tubes: RAE preformed south facing, ID Size 6.0mm	1 pc	BUN	20.00
Paediatric Endotracheal Tubes: RAE preformed south facing, ID Size 6.5mm	1 pc	BUN	20.00
Paediatric Endotracheal Tubes: RAE preformed south facing, ID Size 7.0mm	1 pc	BUN	20.00
Paediatric Endotracheal Tubes: uncuffed, ID Size 2.5mm	1 pc	BUN	12.00
Paediatric Endotracheal Tubes: uncuffed, ID Size 3.0mm	1 pc	BUN	12.00
Paediatric Endotracheal Tubes: uncuffed, ID Size 3.5mm	1 pc	BUN	12.00
Paediatric Endotracheal Tubes: uncuffed, ID Size 4.0mm	1 pc	BUN	12.00
Paediatric Endotracheal Tubes: uncuffed, ID Size 4.5mm	1 pc	BUN	12.00
Paediatric Endotracheal Tubes: uncuffed, ID Size 5.0mm	1 pc	BUN	12.00
Paediatric Endotracheal Tubes: uncuffed, ID Size 5.5mm	1 pc	BUN	12.00
Paediatric Endotracheal Tubes: cuffed, ID Size 6.0mm	1 pc	BUN	15.00
Paediatric Endotracheal Tubes: cuffed, ID Size 6.5mm	1 pc	BUN	15.00
Paediatric Endotracheal Tubes: cuffed, ID Size 7.0mm	1 pc	BUN	15.00
Laryngoscope for paediatric intubation with one straight blade and three curved blades	1 pc	BUN	POA
Paediatric intravenous cannulae, Size 20G (box 100)	1 pc	BUN	38.00
Paediatric intravenous cannulae, Size 22G (box 100)	1 pc	BUN	38.00
Paediatric intravenous cannulae, Size 24G (box 100)	1 pc	BUN	38.00
Precordial Stethoscope	1 pc	BUN	POA
3.15.2 Drugs for Paediatric Anaesthesia			
Fentanyl 0.05mg/ml 2ml (10amps)	1 pack	IMR	11.00
Halothane 250ml (special packing for air freight required, IATA ID No.: 8027, UN 3334)	1 bottle	IMR	18.00
Ibuprofen Suspension 100mg/5ml 100ml	1 pc	IMR	1.00
Ibuprofen Tablets 200mg (1000 tabs)	1 pack	IMR	4.00
Halothane Hydrochloride 50mg/ml Injection, 10ml (10 vials)	1 pack	IMR	5.00
Morphine HCL, 10mg/ml 1ml (10amps)	1 pack	IMR	16.00

Description	Unit	Suppliers	Approx. Unit Price Euro €
3.15.2 Drugs for Paediatric Anaesthesia – Continued			
Neostigmine Methylsulphate 2.5mg/ml 1ml Injection (10 amps)	1 pack	IMR	10.00
Paracetamol 120mg/5ml Suspension 100ml (10 bottles)	1 pack	IMR	3.00
Paracetamol Suppositories 240mg(10/pack)	1 pack	IMR	1.00
Pethidine HCL 100mg/1ml (10 amps)	1 pack	IMR	19.00
Pethidine HCL 50mg/1ml(10 amps)	1 pack	IMR	16.00
Propofol (Diprivan) 1% (10mg/ml), 20ml Injection (5 amps)	1 pack	IMR	15.00
Suxamethonium Chloride 50mg/ml, 2ml Injection (100 amps) (Keep cool 2-8°)	1 pack	IMR	26.00
Thiopentone Sodium 500mg Injection (50 vials)	1 pack	IMR	33.00
3.16 Supporting Ancillary Items			
Spirit Lamp	1 pc	KHO	2.00
Spare Wick for Spirit Lamp (5 pcs)	1 pc	RUD/KHO	2.00
Reuben Pillow	1 pc	TTM	300.00
Padded Ring Suitable for Children	1 pc	TTM	53.00
Absorbant Swabs Triangular (500 pcs)	1 pc	TTM/RUD	37.00
Instrument Tray with Lid – 210mm x 130mm	1 pc	KHO/RUD	10.00
Large Tubing for Scissors Needleholders	1m	TTM	8.00
Small Tubing for Micro Instruments	1m	KHO/TTM	4.00
Cheate's Forceps 27cm	1 pc	KHO	9.00
Eye Pressure Reducer	1 pc	KHO	10.00
Instrument Sterilising Box with Lid and Protective Silicone Mat 8" x 5" (210mm x 130mm)	1 pc	KHO	38.00
Instrument Sterilising Box with Lid and Protective Silicone Mat 10" x 8" (260mm x 210mm)	1 pc	KHO	73.00
Kidney Bowl 0.5litre 250 x 36mm	1 pc	TTM	3.00
Artificial Eyes for Adults (Specify Colour Required)	1 pc	CHAS	2.00
Artificial Eyes for Children (Specify Colour Required)	1 pc	CHAS	2.00

4. Surgical Eye Instruments

Note: Instruments are also available from Appasamy, Braun, Deepak, Rudolf and TTM.

Description	Unit	Supplier	Khosla Codes	Approx. Unit Price Euro €
4.1 Evisceration, Chalazion, Tarsorrhaphy				
Forceps, Toothed	1 pc	KHO	K-2549	13.00
Forceps Non-Toothed	1 pc	KHO	K-2500	10.00
Forceps Mosquito, Curved,	1 pc	KHO	K-2100/C	6.00
Lid Retractors (2 pcs)	1 pc	KHO	K-1104/T	12.00
Lid Plate, 11cms	1 pc	KHO	K-1108/1	8.00
Speculum, 12mm Blade (Adult)	1 pc	KHO	K-1020/3	4.00
Speculum, 8mm Blades (Child)	1 pc	KHO	K-1021/1	5.00
Blade Handle for No. 15 Blades	1 pc	KHO	K-3650/3	3.00
Surgical Blades for Blade Handle (100 peices)	1 pc	KHO	K-3655/3	7.00
Needleholder, Straight With Lock for 4/0, 5/0, or 6/0 suture	1 pc	KHO	K-3202	31.00
Scissors, Conjunctival	1 pc	KHO	K-3100	28.00
Scissors, Heavy Curved	1 pc	KHO	K-3032	9.00
Chalazion Spoon, 2.5mm	1 pc	KHO	K-1805/2	12.00
Chalazion Clamp, 9cms	1 pc	KHO	K-2921	19.00
Evisceration Scoop, tip diameter 8mm	1 pc	KHO	K-1808/1	9.00
4.2 Entropion Set				
Forceps Mosquito, Curved	1 pc	KHO	K-2100/C	6.00
Forceps Mosquito, Straight	3 pcs	KHO	K-2100/S	21.00
Forceps Toothed	1 pc	KHO	K-2549	13.00
Forceps Non-Toothed	1 pc	KHO	K-2500	10.00
Waddell Clamp for Bilamellar Tarsal Plate Rotation	1 pc	CH		48.00
Entropion (TPR) Clamp Right 10cms	1 pc	KHO	K-2917/R	19.00
Entropion (TPR) Clamp Left 10cms	1 pc	KHO	K-2917/L	19.00
Lid Plate, 11cms	1 pc	KHO	K-1104/T	8.00
Blade Handle for No. 15 Blades	1 pc	KHO	K-3650/3	2.00
Surgical Blades for Blade Handle (100 peices)	1 pc	KHO	K-3655/3	7.00
Needleholder, with Lock, Straight for 4/0, 5/0, 6/0 or 7/0 suture	1 pc	KHO	K-3202	31.00
Scissors, Conjunctival	1 pc	KHO	K-3100	28.00
Scissors Straight Sharp Pointed	1 pc	KHO	K-3000	9.00
4.3 ECCE/PCIOL Set				
Speculum, 12mm Blade (Adult)	1 pc	KHO	K 1020/3	1.50
Forceps Mosquito, Curved	1 pc	KHO	K-2100/C	6.00
Forceps Fixation	1 pc	KHO	K-2554	12.00
Forceps, Toothed	1 pc	KHO	K-2531	10.00
Forceps, Non-Toothed	1 pc	KHO	K-2530	10.00
Forceps, Corneal, 0.10mm Atraumatic Tips, Angled With Tying Platform	1 pc	KHO	K-2648	30.00
Forceps, Corneal, 0.10mm Atraumatic Tips, Straight With Tying Platform	1 pc	KHO	K-3720	23.00
Forceps, Corneal, 1x2 teeth, 0.12mm, With 6mm Tying Platform	1 pc	KHO	K-2618	19.00
Forceps, Lens Introducing, Angle to Tip 8 to 12mm, Smooth Jaws	1 pc	KHO	K-2662	27.00
Forceps, Capsulorhexis, Angle to Tip 11mm, Sharp Tip to be used as a Cystotome	1 pc	KHO	K-2827	28.00
Needleholder, with Lock, Straight for 4/0, 5/0,6/0 or 7/0 suture	1 pc	KHO	K-3202	31.00

Description	Unit	Supplier	Khosla Codes	Approx. Unit Price Euro €
4.3 ECCE/PCIOI Set – Continued				
Needleholder, Curved or Straight, overall length 10 to 11mm, jaws 8mm, suitable for 8/0 to 10/0 suture	1 pc	KHO	K-3227/CB	31.00
Needleholder, Curved or Straight, overall length 10 to 11mm, jaws 8mm, suitable for 8/0 to 10/0 suture, with lock	1 pc	KHO	K-3227/SB	31.00
Blade Breaker and Holder	1 pc	KHO	K-3219	31.00
Blade Handle for No. 15 Blades	1 pc	KHO	K-3650/3	3.00
Surgical Blades for Blade Handle (100 pcs)	1 pc	KHO	K-3655/3	7.00
Stainless Steel Razor Blades for Troutman (100 pcs)	1 pc	KHO	K-3223	7.00
Scissors, Corneal Section (corneoscleral), length of blades 10mm	1 pc	KHO	K-3115/single	13.00
Scissors, Conjunctival	1 pc	KHO	K-3100	30.00
Scissors, Angled, length of blades 10mm, extra thin blades	1 pc	KHO	K-3046	30.00
Scissors, De-Weckers	1 pc	KHO	K-3037/C	26.00
IOL Manipulator, angle to tip 10mm	1 pc	KHO	K-1633	10.00
Iris Spatula	1 pc	KHO	K-100/1	10.40
Lens Loop	1 pc	KHO	K-1708	9.00
Muscle Hook	1 pc	KHO	K-1622/2	9.00
Cautery Ball	1 pc	KHO	K-1815	12.00
Cannula Flat Tipped 18 Gauge, angle to tip 7mm	1 pc	KHO	K-2235/1	5.00
Air Injection Cannula 27 Gauge (10 pc)	1 pack	KHO	K-2205/B	30.00
Anterior Chamber Cannula, 23 Gauge (metal)	1 pc	KHO	K-2230/1	7.00
Air Injection Cannula, 27 Gauge, angle to tip 5mm	1 pc	KHO	K-2205/B	3.00
Air Injection Cannula, 30 Gauge, angle to tip 5mm	1 pc	KHO	K-2205/C	27.00
Cannula Visco-Elastic, 21 Gauge	1 pc	KHO	K-2271	4.00
Cannula Visco-Elastic, 22 Gauge, angle to tip 10mm	1 pc	KHO	K-2221/B	3.00
Cannula, Simcoe, Irrigating/Aspirating, overall length 15mm, 23 Gauge, irrigation angled with front opening, supplied with silicone tubing	1 pc	KHO	K-2218/23G	30.00
Cannula, Irrigating Vectis, three ports, 23 Gauge	1 pc	KHO	K-2245	14.00
Calipers 1 – 20mm in 1mm increments	1 pc	KHO	K-2003/S	30.00
4.3.1 Knives for SICS				
Reusable Knives				
Note: Knives are also available from Khosla				
Knife: Crescent, Angled, Bevel Up 2.5mm	1 pc	AUR		1.00
Knife: Slit/Keratome, angled, 3.2mm	1 pc	AUR		1.00
Knife: Implant, Blunt Tipped, 5.2mm	1 pc	AUR		1.00
MVR 19 Gauge	1 pc	AUR		1.50
Knife: 15 Degree Stab	1 pc	AUR		0.50
Metal Handle for the above single use knives	1 pc	AUR		4.00
Knife and Handle Combined – Single Use Only:				
Knife and Handle: Crescent, Angled, Bevel Up 2.5mm	1 pc	BIO		1.00
Knife and Handle: Slit/Keratome, angled, 3.2mm	1 pc	BIO		1.00
Knife and Handle (plastic): Implant, Blunt Tipped, 5.2mm	1 pc	BIO		1.00
Knife and Handle: 15 Degree Stab	1 pc	BIO		1.00
Knife and Handle: MVR 19 Gauge	1 pc	AUR		1.50

Description	Unit	Supplier	Khosla Codes	Approx. Unit Price Euro €
4.4 Other Eye Instruments				
Scissors, Iridectomy, 8mm blades	1 pc	KHO	K-3042	28.00
Punctal Dilator	1 pc	KHO	K-2309	7.00
Lacrimal Probes Set 000 to 2	1 pc	KHO	K-2300	12.00
Forceps, Fine Non-Toothed	1 pc	KHO	K-2530	10.00
Forceps, Arruga	1 pc	KHO	K-2804	14.00
4.5 Paediatric Instruments				
Speculum, New Born Wire, 2mm blades	1 pc	KHO	K-1020/00	4.00
Speculum, Child Wire, 8mm blades	1 pc	KHO	K-1020/0	4.00
Scleral Rotator	1 pc	KHO	K-1620/1	7.00
Keeler 2.5mm Standard Retinal Probe for Cryomatic (2509-P-8000)	1 pc	KEE		1,100.00
Keeler 2.5mm Extended Retinal Probe for Cryomatic (2509-P-8001)	1 pc	KEE		1,100.00
Retractors Desmarres, Infant 7.5mm	1 pc	KHO	K-1101/0	5.00



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5. Examination and Diagnostic

Description	Unit	Suppliers	Approx. Unit Price Euro €
5.1 Direct Ophthalmoscopes			
HKSB Basic Ophthalmoscope – Battery Handle and AC – Code YZ11D	1 pc	HKSB	134.00
Keeler 3.6v Professional Ophthalmoscope with Lithium Rechargeable Handle and Case 1128-P-1014	1 pc	KEE	178.00
Spare Bulb (3.6v) for Professional Ophthalmoscope (Pack 2) 1011-P-7114	1 pc	KEE	35.00
Heine Beta 200 Ophthalmoscope Set complete with 2.5V Aperture Wheel, 118 Battery Handle. C-144.10.118	1 pc	HEI	246.00
Spare bulb (2.5v) for Heine Beta 200 Ophthalmoscope	1 pc	HEI	14.00
Keeler 3.6V Specialist Ophthalmoscope with Rechargeable Batteries and Handle 1132-P-1157	1 pc	KEE	320.00
Spare Bulb (3.6v) for Specialist Ophthalmoscope (Pack 2) 1011-P-7034	1 pc	KEE	35.00
Double Charger for above Ophthalmoscope and/or Retinoscope 1941-P-1368	1 pc	KEE	109.00
5.2 Indirect Ophthalmoscopes			
Keeler Wired All Pupil II Indirect Ophthalmoscope with Smart Pack (battery unit) 1204-P-3036 and 1945-P-1001	1 pc	KEE	918.00
Spare Bulb for All Pupil II Ophthalmoscope (Pack 2) 1012-P-7003	1 pc	KEE	35.00
Keeler All Pupil II Indirect Ophthalmoscope, Kit A, With Power and 20 D lens. 1204-P-3038	1 pc	KEE	1,245.00
Spare Bulb for All Pupil II Ophthalmoscope (Pack 2) 1012-P-7003	1 pc	KEE	35.00
Heine Omega 500 Indirect Ophthalmoscope with Battery Pack C-276.40.670	1 pc	HEI	1,820.00
Spare Bulb for Heine Omega 500 Indirect Ophthalmoscope	6 pcs	HEI	38.00
Lens 20D (Volk)	1 pc	KEE	120.00
Lens 28D (Volk)	1 pc	KEE	120.00
Lens 30D (Volk)	1 pc	KEE	120.00
5.3 Retinoscopes			
HKSB Basic Streak Retinoscope, AC type YZ24	1 pc	HKSB	143.00
Heine Beta 200 Streak Retinoscope Set with 2.5v Battery Handle C-34.10.118	1 pc	HEI	240.00
Spare Bulb for above Heine Retinoscope	6 pcs	HEI	14.00
Keeler 3.6v Streak Retinoscope with Lithium Rechargeable Handle in Case 1302-P-1011, Smart Pack (battery) 1945-P-1001	1 pc	KEE	205.00
Spare Bulb for above 1013-P-7009	2 pcs	KEE	15.00
<i>For all electrical equipment please give the voltage of your country to the supplier. Voltage stabilisers should be used with any sensitive piece of electrical equipment.</i>			
5.4 Auto-Refractometers			
5.4.1 Portable			
Nidek AR20 Handheld Auto-Refractometer with Battery Charging System. Lightweight, portable.	1 pc	NID	8,000.00
5.4.2 Hospital (without Table)			
Kowa KA-1000 Auto-Refractometer, simple to use.	1 pc	KEE/KOW	6,840.00
Nidek AR-310a Autorefractor	1 pc	NID	6,264.00
5.5 Visual Acuity Testing and Trial Lens Sets (refer to Section 8 for Low Vision)			
Snellen and E Combined Visual Acuity Chart (K-SNE)	1 pc	KHO	3.00
LogMar Tests – See Section 8.14.1			
Isihara Test 2206-P-1008	1 pc	KEE	180.00
Scan Optics Occluder/Pinhole – SO-941B	5 pcs	SCAN	48.00
Trial Frame, Skeoch, Adult (K-3502/A)	1 pc	KHO	28.00

Description	Unit	Suppliers	Approx. Unit Price Euro €
5.5 Visual Acuity Testing and Trial Lens Sets (refer to Section 8 for Low Vision) – Continued			
Trial Frame, Skeoch, Child (K-3502/C)	1 pc	KHO	28.00
Oculus Universal Trial Frame – 2207-P-1114	1 pc	KEE	420.00
Trial Lens Set+Briefcase (Indian Make) – K-3501/A or DE0079	1 pc	KHO/DEE	110.00
Trial Lens Set+Briefcase (Indian Make) non illuminated compact model – K-3501	1 pc	KHO/DEE	210.00
Keeler – 232 reduced aperture plastic lenses in wooden case 2201-P-1228	1 pc	KEE	709.00
Jackson Cross Cylinder +/- 0.25D (K-JCC)	1 pc	KHO	3.00
Jackson Cross Cylinder +/- 0.50D (K-JCC)	1 pc	KHO	3.00
Inami Internal Reading Lensmeter L-4550	1 pc	INA	710.00
5.6 Tonometers			
5.6.1 Portable			
Tonometer Schiottz Handheld	1 pc	TTM	65.00
Perkins Hand Held Battery Operated Applanation Tonometer. Suitable for outreach work, easy to use and calibrate. Supplied in case (without Doubling Prism).	1 pc	HAAUK	670.00
Perkins Recharger Battery Handle and Recharger Unit	1 pc	HAAUK	96.00
Tonopen XL, Applanation Tonometer, Battery Operated. Good for paediatric patients.	1 pc	CAR/KEE	1,500.00
Spare Sheaths for Tonopen XL (Single use Only) – 200 pcs	1 pc	CAR	80.00
Keeler Pulsair Tonometer (Handheld non-contact) – Electric 2414/P/2001	1 pc	KEE	3,021.00
Keeler Optional Intellepuff 12V Car Power Supply EP39-43563	1 pc	KEE	45.00
5.6.2 Static			
Applanation Tonometer Doubling Prism will fit into Haag Streit Slit Lamps, and fit onto Goldmann tonometer mounts Style T & R, and 870	1 pc	KEE/HAA	1,368.00
Keeler Goldman Type Applanation Tonometer – Fixed ('R')	1 pc	KEE	715.00
Keeler Goldman Type Applanation Tonometer – Take Away ('T')	1 pc	KEE	680.00
Keeler Goldman Type Applanation Tonometer – Type 870 for Carl Zeiss Slit Lamps	1 pc	KEE	693.00
5.7 Loupes and Slit Lamps			
Khosla Binocular Headband Loupe 2.5x Magnification. Suitable for Extraocular Work (K-BIO)	1 pc	KHO	6.00
5.7.1 Prismatic loupes			
Keeler 2.5X SuperVU Loup magnification system – working distance 42cms (requires frame KE1035) 2112-P-1011	1 pc	KEE	340.00
Keeler 4.5X XL Advantage Loupe Magnification System working distance 42cms (requires frame KE1035) 2113-P-2009	1 pc	KEE	580.00
Carl Zeiss Loupe EYEMAG PRO F with carrier system KF (titanium eye glass frame) Magnification/working distance 4.0X/500mm 1463/679	1 pc	ZEI	732.00
Carl Zeiss Loupe EYEMAG PRO S with carrier system S (head band) Magnification/working distance 4.0X/500mm 1463/680	1 pc	ZEI	869.00
5.7.2 Slit Lamps			
Heine HSL150 Hand Held Slit Lamp with battery handle, spare bulb C265.10.118	1 pc	HEI	380.00
Spare Bulb for HS150 Hand Held Slit Lamp (6 bulbs) X-01.88.098	1 pack	HEI	25.00
Carl Zeiss Slit Lamp SL115 and Applanation Tonometer and Motorised Table	1 pc	ZEI	5,482.00
Spare Bulb for the Zeiss SL115	1 pc	ZEI	26.00
Inami Slit Lamp Microscope L-0187 with 3 step magnification, halogen bulb, convergent optics, table-top without stand, half-moon shaped column, colour = oyster white	1 pc	INA	2,700.00

Description	Unit	Suppliers	Approx. Unit Price Euro €
5.7.2 Slit Lamps – Continued			
Spare Bulb for Inami L-0187	1 pc	INA	40.00
Haag-Streit Slit Lamp BQ900 (7200000), complete with Manual Instrument Table (72400003), Applanation Tonometer, Beam Splitter and Second Observer Tube (1400308+7220146)	1 pc	HAA	20,030.00
Haag-Streit Slit Lamp BQ900 (7200000), complete with Motorised Instrument Table (7200049), Applanation Tonometer, Beam Splitter and Second Observer Tube (1400308+ 7220146)	1 pc	HAA	25,027.00
For Haag-Streit Slit Lamp BQ900: Adaptor and Camera with Imaging Module, Cold Light and Fiber Optic (1007780 + 7220042 +1400308)	1 set	HAA	9,390.00
5.8 Diagnostic Slit Lamp Lenses			
Gonioscope 1 Mirror Lens (Goldman) (K-SING/GON)	1 pc	KHO	220.00
Gonioscope 3 Mirror – Large (K-THREE-GON)	1 pc	KHO	300.00
Gonioscope 3 Mirror – Small (K-THREEMIRR-S)	1 pc	KHO	315.00
Gonioscope 3 Mirror for babies (7200257)	1 pc	HAA	560.00
Gonioscope 3 Mirror for children (7200258)	1 pc	HAA	550.00
Lens 78D (Volk)	1 pc	KEE	180.00
Lens 90D (Volk)	1 pc	KEE	180.00
Volk 2.2x Pan Retinal Lens	1 pc	KEE	180.00
5.9 Biometry Equipment			
5.9.1 Base Hospital			
KM450 Nidek. (Reichert) Manual Keratometer	1 pc	TTM	1,998.00
Spare Bulb for Keratometer	1 pc	TTM	5.00
5.9.2 Auto-Keratometer/Refrac-Keratometer			
Nidek KM 500 Portable Handheld Auto-Keratometer. Compact, light with printer, rechargeable battery from mains, simple to use.	1 pc	NID	3,861.00
Nidek ARK30. Portable Hand Held Auto-Refrac-Keratometer. With simple battery recharging unit	1 pc	NID	9,950.00
5.9.3 A -Scans			
Sonomed 300A A-Scan (Pac Scan) – Portable. Touch screen graphic A-Scan display, hand held probe (soft touch) immersion or Slit Lamp mount available, 5 IOL formulae inbuilt, comparison between AC and PCIOL, with printer	1 pc	SON	1,780.00
Tomey AL-100 A-Scan. Colour screen, hand held probe or immersion, 7 IOL formulae, with printer	1 pc	TTM	3,315.00
Nidek A US1800 A-Scan with Pachymetry. Portable, compact and lightweight, built in printer, 5 formulae in built, handheld probe. Can be mounted onto Zeiss or Haag Streit Slit Lamps. Compatible with Nidek KM 500	1 pc	NID	8,680.00
Spare Paper for Nidek US800 – Box of 20	1 pc	NID	90.00
Stand for Probe for Nidek US800	1 pc	NID	3,500.00
5.10 Visual Field Analysers			
Henson 6000 (2305-P-2081)	1 pc	KEE/TIN	7,820.00
Motorised Table for Henson 6000 (2305-P-8061)	1 pc	KEE/TIN	915.00
Printer for Henson 6000 VFA (2305-P-8053)	1 pc	KEE	270.00
Opto AP100 Automated Perimeter with Fully Configured PC Computer with Installed Video Capture Card, AP100 Software and Microsoft Windows XP Home Edition, Internal CCD Video Camera and Eye Tracker. Does not include monitor – Service and user manual	1 pc	OPT	4,690.00
Oculus Easyfield Portable Perimeter	1 pc	OCU	6,280.00
Humphrey FDT Visual Field Instrument and Table	1 pc	ZEI	5,135.00

Description	Unit	Suppliers	Approx. Unit Price Euro €
5.11 Lasers			
Note: Laser safety glasses are not interchangeable between different types of lasers. Please order the safety glasses for the specific wavelength you require. Does not include installation costs – check with supplier regarding warranty and installation. For all electrical equipment please give the voltage of your country to the supplier.			
5.11.1 Diode Laser (Photocoagulation and CPC)			
Opto TripleT Diode Laser. One Slit Lamp adaptor for photocoagulation to suit Haag-Streit, Zeiss or analogue Slit Lamp, tonometer mount (to suit Haag-Streit analogues only), hard carrying case, one pair 810nm safety glasses, five straight or curved endoprobes, safety features for console included (remote interlock and theatre interlock key). Power cable is supplied with USA style plug, service and user manual. Please specify make and model of Slit Lamp when ordering.	1 pc	OPT	15,250.00
Cyclophotocoagulation Probes for Opto Triple T	1 pc	OPT	485.00
Endolaser Probes for Opto Triple T, curved or straight (5 pcs)	1 pc	OPT	640.00
Opto Laser Indirect Ophthalmoscope, small spot – Includes hard carrying case, one spare bulb and auto-ranging power supply (90-240v).	1 pc	OPT	4,820.00
Safety Filter 810nm fixed type infrared (to suit Carl Zeiss, Opto, Moeller, Scan Optics and Other Carl Zeiss standard microscopes). Please specify make and model of Slit Lamp when ordering.	1 pc	OPT	930.00
Safety filter 810nm fixed type infra-red (to suit Leica microscopes only).	1 pc	OPT	160.00
Iris Diode SLX Laser – 3 watt Console. Safety glasses, foot pedal, light source for LIO, carrying case, laser safety devices. IR0100 (please quote model number and type of Slit Lamp the laser will be attached to for Slit Lamp adaptor.)	1 pc	IRI/CAR	POA
Cyclophotocoagulation Probes for Iris Diode – IR0101 (6 pcs)	1 pc	IRI/CAR	POA
Iris Diode LIO Indirect Ophthalmoscope	1 pc	IRI/CAR	POA
Safety Glasses (Pair)	1 pc	IRI/CAR	POA
Carry Case with pull handle and wheels for Diode Laser	1 pc	IRI/CAR	POA
Safety filters for Microscope (please specify type of microscope):			POA
– Filter for Moller-Wedal	1 pc	IRI/CAR	POA
– Filter for Carl Zeiss	1 pc	IRI/CAR	POA
– Filter for Wild/Leica	1 pc	IRI/CAR	POA
Endolaser Probes for Iris Laser. IR0103 – box of 6 Can be resterilised by Ethylene Oxide.	1 pc	IRI/CAR	POA
5.11.2 FD-NdYAG Laser 532 (Photocoagulation)			
Note: The installation and introduction of the instruments will be done by a trained Carl Zeiss technician.			
Carl Zeiss Visula 532S Double Frequency Green Laser. Suitable for all treatments except cyclophotocoagulation (please quote model number and type of Slit Lamp when ordering)	1 pc	ZEI	28,357.00
Carl Zeiss 532S Indirect Ophthalmoscope	1 pc	ZEI	5,200.00
Carl Zeiss Endo-Probes – Straight (pack of 5 pcs)	1 pc	ZEI	670.00
Carl Zeiss Endo-Probes – Angled (pack of 5 pcs)	1 pc	ZEI	670.00
Double Filter Safety Filter for Observer's Arm	1 pc	ZEI	2,295.00
Single Physicians Filter	1 pc	ZEI	1,190.00
Spare Bulb for Consul	1 pc	ZEI	26.00
5.11.3 NdYAG Laser (Capsulotomy and Iridotomy)			
Opto Advant YAG Laser – Premium Model with 5 position magnification, 500 +/- posterior/anterior offset, and 1064nm safety glasses.	1 pc	Opto	14,150.00
Wheelchair Accessible Stand for Opto Yag Laser, includes U-shape table and leather arm rest	1 pc	Opto	1,450.00
Co-Observation Tube and Beam Splitter for Opto Yag Laser	1 pc	Opto	2,750.00

Description	Unit	Suppliers	Approx. Unit Price Euro €
5.11.3 NdYAG Laser (Capsulotomy and Iridotomy) – Continued			
Camera and Video Adaptors for Opto YAG Laser. Requires Beam Splitter.	1 pc	Opto	820.00
Tonometer Mount for Opto	1 pc	Opto	260.00
Safety Glasses for use with Opto – 1064nm	1 pc	Opto	190.00
Safety Glasses Multiwavelength for use with 532nm-810nm-1064nm Wavelengths	1 pc	Opto	230.00
Carl Zeiss Visulas YAG Laser III Plus, Integrated Unit plus electrical table (hospital based)	1 pc	ZEI	19,060.00
Contact Lens 1.8x Abraham Capsulotomy Lens OAYA	1 pc	ZEI	405.00
Contact Lens 1.5x Abraham Iridectomy OAYA	1 pc	ZEI	350.00
Safety Glasses for Zeiss YAG Laser	1 pc	ZEI	138.00
5.12 Laser Lenses			
5.12.1 Laser Contact Lenses			
Carl Zeiss Mainster Contact Lens, Focal/Grid 90 Degree	1 pc	ZEI	480.00
Volk Area Centralis Lens	1 pc	KEE	565.00
5.12.2 Pan-Retinal Laser Coagulation Lenses			
Mainster 165 Degree	1 pc	ZEI	724.00
Volk Quadraspheric Lense	1 pc	KEE	500.00
Volk Superquad Lens (160/165 Degree)	1 pc	KEE	650.00
5.12.3 YAG Laser Lenses			
Carl Zeiss Lens 1.8X Abraham Capsulotomy Lens, OAYA	1 pc	ZEI	405.00
Volk Capsulotomy Lens	1 pc	KEE	310.00
Volk Iridectomy Lens	1 pc	KEE	380.00

Blindness causes poverty...
...poverty causes blindness

80%
of blindness is
avoidable

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6. Spectacles and Equipment

Description	Unit	Catalogue Code	Suppliers	Approx. Unit Price Euro €
6.1 Metal Frames (Minimum Order Box 12)				
Unisex – Black – Size 46/18	1 pc	M001	ICEE	1.20
Male – Gold – Size 54/16	1 pc	M002	ICEE	1.20
Male – Coffee – Size 52/17	1 pc	M003	ICEE	1.20
Female – Purple – Size 48/17	1 pc	M004	ICEE	1.20
Male – Gold – Size 48/19	1 pc	M005	ICEE	1.20
Female – Gold – Size 48/19	1 pc	M006	ICEE	1.20
Male – Gun – Size 52/17	1 pc	M007	ICEE	1.20
Male – Gun – Size 50/18	1 pc	M008	ICEE	1.20
Unisex – Silver – Size 46/18	1 pc	M009	ICEE	1.20
Unisex – D.Red – Size 48/19	1 pc	M010	ICEE	1.20
Unisex – Blue – Size 48/18	1 pc	M012	ICEE	1.20
Unisex – Silver – Size 50/20	1 pc	M013	ICEE	1.20
Unisex – Blue – Size 45/20	1 pc	M014	ICEE	1.20
Unisex – Black – Size 45/20	1 pc	M015	ICEE	1.20
Unisex – Gun – Size 46/18	1 pc	M016	ICEE	1.20
Unisex – Silver – Size 46/17	1 pc	M017	ICEE	1.20
Unisex – Blue – Size 46/18	1 pc	M018	ICEE	1.20
6.2 Plastic Frames (Minimum Order Box 12)				
Child/Paediatric – Pink – Size 48/19	1 pc	P001	ICEE	1.00
Child/Paediatric – Orange – Size 45/17	1 pc	P002	ICEE	1.00
Child/Paediatric – Brown – Size 41/17	1 pc	P003	ICEE	1.00
Unisex – Pink – Size 34/17	1 pc	P004	ICEE	1.00
Unisex – D.Brown – Size 50/20	1 pc	P005	ICEE	1.00
Male – Smoke – Size 46/17	1 pc	P006	ICEE	1.00
Child/Paediatric – Brown – Size 44/19	1 pc	P007	ICEE	1.00
Child/Paediatric – Black – Size 47/16	1 pc	P008	ICEE	1.00
Unisex – Black – Size 51/18	1 pc	P009	ICEE	1.00
Male – Smoke – Size 47/21	1 pc	P010	ICEE	1.00
6.3 Optical Lenses				
Cylindrical Lenses				
Available in Plano to +3.00/–2.00 Cyl and Plano to –3.00/–2.00 Cyl	1 pc	OLC 001	ICEE	1.00
Single Vision Lenses				
Available in +0.25 to +8.00	1 pc	OLSV 001	ICEE	1.00
Available in –0.25 to –6.00	1 pc	OLSV 003	ICEE	1.00
Bifocal Lenses				
Flat Top Available in Spheres ranging from Plano to +3.00 (in 0.25 Dioptre) and ADD ranging from +1.00 to +3.00 (in 0.25 difference)	1 pc	OLBFT	ICEE	1.00
6.4 Ready Made Spectacles (Minimum Order Box 12)				
Power Range +1.00 to +3.50/-1.00 to -3.50				
Unisex – Black or Gold – Metal – Size 50/22	1 pc	R001	ICEE	1.65
Unisex – Black or Gold – Metal – Size 50/21	1 pc	R003	ICEE	1.65
Unisex – Black – Metal – Size 46/23	1 pc	R005	ICEE	1.65

Description	Unit	Catalogue Code	Suppliers	Approx. Unit Price Euro €
6.4 Ready Made Spectacles (Minimum Order Box 12) – Continued				
Power Range +1.00 to +3.50				
Unisex – Black – Metal -Size 48/18	1 pc	R006	ICEE	1.65
Male – Q.Copper – Metal – Size 52/17	1 pc	R007	ICEE	1.65
Unisex – Gold – Metal – Size 49/19	1 pc	R008	ICEE	1.65
Unisex – Gold – Metal – Size 46/16	1 pc	R009	ICEE	1.65
Unisex – M.Black – Metal – Size 48/18	1 pc	R010	ICEE	1.65
Male – Q.Copper – Metal – Size 52/17	1 pc	R011	ICEE	1.65
Unisex – Gold – Metal – Size 50/18	1 pc	R012	ICEE	1.65
Unisex – Gold – Metal – Size 46/18	1 pc	R019	ICEE	1.65
Unisex – Gun – Metal – Size 49/19	1 pc	R020	ICEE	1.65
Unisex – Silver – Metal – Size 44/19	1 pc	R021	ICEE	1.65
Unisex – Blue – Plastic – Size 47/21	1 pc	R026	ICEE	1.65
Unisex – Black – Plastic – Size 45/20	1 pc	R027	ICEE	1.65
Child/Paediatric – Blue – Plastic – Size 48/18	1 pc	R028	ICEE	1.65
Unisex – Blue – Plastic – Size 49/19	1 pc	R029	ICEE	1.65
Unisex – Smoke – Plastic – Size 49/19	1 pc	R030	ICEE	1.65
Unisex – Brown – Plastic – Size 50/18	1 pc	R031	ICEE	1.65
Unisex – Purple – Plastic – Size 50/18	1 pc	R032	ICEE	1.65
6.5 Optical Workshop Equipment and Instruments				
6.5.1 Surfacing				
Polishing Cloth 1 sqm	1 pc		HSO	20.00
Disco Pad ROUGH 70mm	1 pc		HSO	390.00
Polishing Lap 70mm	1 pc		HSO	8.00
6.5.2 Edging				
V.3 Heater Element, Mod. 3, 230 Volt, 450 Watt	1 pc		OTTO	6.00
Ventilette 3 frame heater, 230 V/450 W	1 pc		KHO	50.00
Master Edger with Diamond Wheel	1 pc		KHO	450.00
Spare diamond wheel for Master Edger for DE1000	1 pc		KHO	270.00
Decent Edger with Diamond Wheel, automatic water circulation	1 pc		KHO	630.00
Spare diamond wheel for DE 1100 automatic edger	1 pc		KHO	340.00
Dressing Stick FINE	1 pc		HSO	3.00
Dressing Stick COARSE	1 pc		HSO	4.00
Lensmeter bulbs for IN0200	1 pc		INA	7.00
Lensmeter, Inami L-4550	1 pc		INA	720.00
Crumbling pliers	1 pc		HSO	35.00
Pointed nose plier	1 pc		HSO	35.00
Lens Adjusting Plier	1 pc		HSO	35.00
1.8mm Screw Driver	1 pc		HSO	4.00
6 Wheel Glass Cutter	1 pc		HSO	6.00
Marker Pens	10 pcs		HSO	12.00
ON/OFF Switch	1 pc		HSO	17.00
Pair Carbon Brushes	1 pc		HSO	12.00
Spare Crimping Jaws	1 pc		HSO	6.00
Adjusting Plier Rubbers	1 pc		HSO	4.00
Screw Driver Blades for RE0005	1 pc		HSO	3.00

7. Publications

Publications are available in English. Français voir 7.21 (other languages where stated). Prices quoted are approximate and do not include postage and packing. Please contact the suppliers for further details. Where no prices are stated, the publication is usually free to download.

Description	Format	Approx. Unit Price £	Download or can be purchased from (see suppliers list for addresses)
Books/Booklets/Manuals			
7.1 Basic Science			
Anatomy of the Eye (SP Banumathy)	Book	4.50	Aravind
Physiology of the Eye (RD Ravindran)	Book	3.75	Aravind
7.2 General Ophthalmology			
Examination of the Eyes – Download only	Slide	0.00	ICEH – www.cehjournal.org/files/ts9201.html
ABC of Eyes – includes CD (P T Khaw and A R Elkington) Pub. British Medical Journal	Book	29.75	Waterstones
Ophthalmology – An Illustrated Colour Text (M Batterbury and B Bowling) Pub. Churchill Livingstone	Book	32.00	Waterstones
General Ophthalmology (D Vaughan and T Asbury) Pub. McGraw Hill	Book	53.75	Waterstones
Clinical Ophthalmology – A Synopsis (J Kanski) Pub. Butterworth Heinemann 2004	Book	40.00	TALC
Moorfields Manual of Ophthalmology pub Elsevier – ISBN 9781416025727	Book	53.75	ELSEVIER
Ophthalmology – Investigation and Examination Techniques (CB James and L Benjamin) Pub. Elsevier	Book	84.50	Waterstones
Eye Diseases in Hot Climates (J Sandford Smith) (4th Ed) Pub. Elsevier	Book	13.75	TALC
Eye Care in Developing Nations (L Schwab) (4th Ed) Pub. Manson	Book	13.75	TALC
Ophthalmic Care – A Comprehensive Textbook for Nurses and Paramedics (Ed. J Marsden)	Book	51.50	TALC
Ocular Microbiology (C Rajalakshmi, SL Prajna)	Book	3.00	Aravind
The Epidemiology of Eye Disease (Gordon Johnson) Paperback	Book	57.00	Amazon – NEW
Clinical Ophthalmology : A Systematic Approach (J Kanski) – Paperback	Book	42.50	Amazon – NEW
7.3 Cataract			
Cataract and Glaucoma for Eye Care Para-Professionals (B Duval et al)	Book	32.75	Slack Books
Quality Cataract Surgery Series (Aravind)	Manual	18.75	Aravind
Manual on Small Incision Cataract Surgery – includes CD (Aravind) (2nd Ed)	Manual	18.75	Aravind
Manual for IOL Trainees (Aravind)	Manual	4.50	Aravind
Clinical Practice in Small Incision Cataract Surgery (Ed: Garg)	Book	171.00	Waterstones
Cataract additional resources – Download only	Slide	0.00	ICEH
Small Incision Cataract Surgery (Aravind)	DVD	18.60	Aravind

Description	Format	Approx. Unit Price £	Download or can be purchased from (see suppliers list for addresses)
7.4 Surgery			
ORBIS e-resources (online videos) on SICS, Trabeculectomy with mitomycin C, Penetrating Keratoplasty, Foreign Body Removal, Infantile Glaucoma Exam under General Anaesthesia, Goniotomy, Phacoemulsification, Laser Trabeculectomy – Download only	Video	0.00	ORBIS
Ophthalmic Operating Theatre Practice: A Manual for Developing Countries (I Cox and S Stevens) – Download only	Book	0.00	www.VISION2020.org
Oxford Handbook of Anaesthesia	Book	15.50	TALC
7.5 Other Eye Diseases			
Diabetic Eye Disease (P Chous)	Book	9.00	Alibris
Diabetes in Africa (J Mbanya and G Alberti)	Book	17.25	FSG Communications
Suppurative Keratitis (A Leck et al)	Book	5.75	TALC
Leprosy and the Eye – updated 2005 – Download only	Slide	0.00	ICEH – www.cehjournal.org/files/ts0501.html
Leprosy (Wellcome)	CD	4.00	TALC
The AIDS Handbook (J Hubley) – 3rd Edition	Book	6.50	TALC
HIV/AIDS and the Eye – Download only	Slide	0.00	ICEH – www.cehjournal.org/files/ts0101.html
The Glaucomas – Download only	Slide	0.00	ICEH
A Manual of Systematic Lid Surgery (JRO Collins et al) (3rd Ed) ISBN 9780702030915	Book	48.00	ELSEVIER
7.6 Planning			
Technology Guidelines for a District Eye Care Programme – Download only	Manual	0.00	www.VISION2020.org
Strategies for the Prevention of Blindness in National Programmes (WHO) – Download only	Manual	0.00	WHO Publications
District Planning Manual – Download only	Manual	0.00	ICEH – www.cehjournal.org
Developing an Action Plan – (VISION 2020 Tool Kit) – update (IAPB) – Download only	CD	0.00	ICEH – www.cehjournal.org
VISION 2020: The Right to Sight, Action Plan 2006-2011	Manual	0.00	www.VISION2020.org
World Sight Day Reports 2006, 2007, 2008, 2009 – Download only	Manual	0.00	www.VISION2020.org
Rapid Assessment of Avoidable Blindness methodology – Download only	CD	0.00	ICEH – www.cehjournal.org/files/s0701.html
7.7 Technology			
Standard List for a VISION 2020 Service Unit – Download only	Manual	0.00	www.VISION2020.org
Standard List for a VISION 2020 Service Unit – Hard Copy	Manual	3.50	TALC
Technology Guidelines for a District Eye Care Programme – Download only	Manual	0.00	www.VISION2020.org
Technology for VISION 2020 (selected articles from Community Eye Health Journal)	Collection	5.75	TALC
Ophthalmic Instruments and Equipment (V Srinivasan and RD Thulasiraj) – Download only	Manual	0.00	www.VISION2020.org
ITTG Lens Surfacing Machine Maintenance Manual – Download only	Manual	0.00	CBM
Optical Frame Heater Maintenance Manual – Download only	Manual	0.00	CBM

Description	Format	Approx. Unit Price £	Download or can be purchased from (see suppliers list for addresses)
7.7 Technology – Continued			
Optical Hand Edger Maintenance Manual – Download only	Manual	0.00	CBM
Ophthalmic Instruments and Equipment – their care and maintenance	DVD	10.50	Aravind
How to make Low Vision Devices (SSI)	DVD	7.50	TALC
7.8 Prevention of Blindness			
Prevention of Blindness and Deafness (WHO) – Download only	Collection	0.00	WHO Publications
7.8.1 Nutrition and Vitamin A Deficiency			
Vitamin A Deficiency and its Consequences (A Sommer) – Download only	Book	0.00	SIGHT and LIFE – www.sightandlife.org/publications/books
Vitamin A Supplements (WHO) – Download only	Document	0.00	WHO Publications
Sight and Life Manual on Vitamin A Deficiency Disorders (DS McLaren andm Frigg) (2nd Ed) – Download only	Manual	0.00	SIGHT and LIFE – www.sightandlife.org/publications/books
Manual de VER Y VIVIR sobre los trastornos por deficiencia de vitamina A (VADD) – Download only	Manual	0.00	SIGHT and LIFE – www.sightandlife.org/publications/books
Sight and Life Manual on Vitamin A Deficiency Disorders (in Chinese) – Download only	Manual	0.00	SIGHT and LIFE – www.sightandlife.org/publications/books
Vitamin A and the Eye (LVPEI)	CD	29.75	LVP
Nutrition (Wellcome)	CD	4.00	TALC
7.8.2 Onchocerciasis			
Community-Directed Treatment with Ivermectin: A Practical Guide for Trainers – Download only	Manual	0.00	WHO Publications
Many more APOC guides. – Download only	Reports	0.00	WHO – www.who.int/apoc/publications/en
7.8.3 Trachoma			
Preventing Trachoma: A guide for environmental sanitation and improved hygiene – Download only	Manual	0.00	WHO Publications
Achieving Community Support for Trachoma Control (WHO) – Download only	Document	0.00	WHO Publications
Trichiasis Surgery for Trachoma – Download only	Manual	0.00	WHO Publications
Trachoma Control: A Guide for Programme Managers (WHO) – Download only	Manual	0.00	WHO Publications
Guidelines for rapid assessment for blinding trachoma – Download only	Manual	0.00	WHO Publications
Toolbox for implementing the SAFE strategy – Download only	Manual	0.00	Carter Centre – www.cartercenter.org/documents/2302.pdf
Trachoma Grading – Self Directed Learning	CD	29.75	CERA www.cera.org.au
A guide: trachoma prevention through school health curriculum development	Manual	0.00	www.VISION2020.org
Trachoma (Wellcome)	CD	4.00	TALC
Other trachoma publications – Download only		0.00	ICEH

Description	Format	Approx. Unit Price £	Download or can be purchased from (see suppliers list for addresses)
7.9 Primary Eye Care/Eye Health Education and Information			
Healthy Eyes Activity Book for Primary Schools (V Francis and B Wiafe) (2nd Ed)	Book	5.75	TALC
Hanyane – A Village Struggles for Eye Health (E Sutter et al)	Book	5.75	TALC
Basic Eye Care (HKI) – PDF version available on CD – Download only	CD	0.00	HKI
Simple Eye Care (HKI) – PDF version available on CD – Download only	CD	0.00	HKI
The Eye in Primary Health Care – Download only	Slide	0.00	ICEH – www.cehjournal.org/files/ts9202.html
Collaboration with African Traditional Healers for the Prevention of Blindness (P Courtright et al) – Download only	Book		ICEH – www.cehjournal.org/files/b0001.html
7.10 Low Vision			
Low Vision Kit: Screening and Assessment (WHO and CERA)	Kit	26.00	CERA – www.cera.org.au
Low Vision – Principles and Practice (C Dickinson) (4th Ed)	Book	65.50	Waterstones
Focus on Low Vision	Manual	7.50	CERA – www.cera.org.au
Asia Pacific Low Vision Workshop (Hong Kong – May 2001) – Download only	Document	0.00	WHO Publications
How to Assess Low Vision (SSI)	DVD	7.50	TALC
Low Vision – High Hopes (SSI)	Video	7.50	TALC
Other information on low vision			Lowvisiononline
7.11 Optics and Refraction			
Elimination of avoidable visual disability due to refractive errors – July 2000 – Download only	Report	0.00	WHO Publications
Refraction Course Training Manual (S Mayer) – Download only	Book	0.00	ICEH – www.cehjournal.org/files/b0604.html
Optical Training: Skills and Procedures (DM Wooton)	Book	29.75	Waterstones
Clinical Optics (AP Elkington) (3rd Ed)	Book	45.75	BLACKWELL PUBLISHING
Other texts available from the College of Optometrists			College of Optometrists
7.12 Pharmacology			
British National Formulary No 58 – Sept 2009	Manual	12.00	TALC
Ophthalmic Drugs – Diagnostic and Therapeutic Uses (G Hopkins and R Pearson) (5th Ed)	Book	50.25	Waterstones
BNF for Children – 2009	Manual	14.25	TALC
7.13 Rehabilitation			
Early Intervention for the Visually Impaired (G Vanneste) – Download only	Manual	0.00	CBM
Mobility Skills for Blind People (R Jaekle) – Download only	Book	0.00	CBM
The Visually Impaired and Techniques of Orientation and Mobility (LVPEI)	CD	29.75	LVP
Community Based Rehabilitation (LVPEI)	CD	29.75	LVP
Leading the Blind (LVPEI)	CD	29.75	LVP
Source – information on health and disability – see website information in Supplier List http://www.asksource.info/res_library.htm			

Description	Format	Approx. Unit Price £	Download or can be purchased from (see suppliers list for addresses)
7.14 Paediatrics			
Clinical:			
Pediatric Ophthalmology for Primary Care (K Wright) (3rd Ed)	Book	51.00	EUROSPANBOOKSTORE.COM
Pediatric Ophthalmology and Strabismus (D Taylor and C Hoyt) (3rd Ed) ISBN 9780323051682	Book	54.75	ELSEVIER
Pediatric Cataract Surgery: Techniques, Complications and Management (ME Wilson et al)	Book	113.00	Waterstones
Management of Strabismus and Amblyopia: A Practical Guide (JA Pratt-Johnson, G Tillson)	Book	141.00	Mi-tec medical publishing
Childhood Cataract Manual for Africa – Download only	CD	0.00	KCCO – www.kcco.net/Blindnessmanual.pdf
The Winter-Baraitser Dysmorphology Database – Download only	Database	684.00	http://www.lmdatabases.com/about_lmd.html
7.15 Prevention (see also Vitamin A Deficiency above)			
Preventing Blindness in Children – Download only	Document	0.00	www.VISION2020.org
A five-year project for the prevention of childhood blindness – Download only	Document	0.00	WHO Publications
The Child, Measles and the Eye – Download only	CD	0.00	WHO Publications
How to Survey Schools for Childhood Blindness and Low Vision (SSI)	DVD	7.50	TALC
Prevention of Childhood Blindness – Download only	Slides	0.00	ICEH – www.cehjournal.org/files/ts0701.html
7.16 Others			
Helping Children Who Are Blind (S Niemann and N Jacob)	Manual	11.00	TALC
Inclusive Education – Where there are Few Resources (S Stubbs) – Download only	Book	0.00	EENet – www.eenet.org.uk
Management of Low Vision in Children. Report of a WHO Consultation – Download only	Document	0.00	WHO Publications
Child-to-Child Early Years Children Promote Health – Download only	Book	0.00	http://www.child-to-child.org/resources/onlinepublications.htm
How To Assess Visual Acuity (Sightsavers)	DVD	7.50	TALC – NEW
Howzat! Cricket For The Blind (Sightsavers)	DVD	7.50	TALC – NEW
7.17 General – Other Texts			
Resource Centre Manual (Healthlink)	Manual	28.50	HEALTHLINK WORLDWIDE
Setting Up Community Health Programmes (T Lankester) (3rd Ed)	Book	6.50	TALC
Communicating Health (J Hubley) (2nd Ed)	Book	11.50	TALC
Training for Transformation (A Hope and S Timmel) Books 1,2,3,4 in a set	Book	25.75	Development Bookshop
Handbook for Medical Teachers (Newble and Cannon)	Book	61.75	Waterstones
Helping Health Workers Learn (D Werner and B Bower)	Book	23.00	TALC
Effective Teaching and Learning for Eye Health Workers (D Prozesky et al) – Download only	Book	0.00	ICEH – www.cehjournal.org/files/b0603.html
Teaching and Information Resources for Blindness Prevention and Rehabilitation (S Stevens)	Book	3.50	TALC

Description	Format	Approx. Unit Price £	Download or can be purchased from (see suppliers list for addresses)
7.18 Slide and Text Sets			
Practical Ophthalmic Procedures – Volume One – Download only	Slide	0.00	ICEH – www.cejjournal.org/files/ts9501.html
Practical Ophthalmic Procedures – Volume Two – Download only	Slide	0.00	ICEH – www.cejjournal.org/files/ts0102.html
Practical Ophthalmic Procedures – Volume Three – Download only	Slide	0.00	ICEH – www.cejjournal.org/files/ts0401.html
Practical Ophthalmic Procedures – Volume Four – Download only (Selected ICEH slide sets are downloadable from ICEH website)	Slide	0.00	ICEH – www.cejjournal.org/files/ts0402.html
Administration of Eye Drops and Ointments	CD	29.75	LVP
Draping of Surgical Patient	CD	29.75	LVP
Surgical Skin Preparation	CD	29.75	LVP
Handling Sterile Supplies	CD	29.75	LVP
Handling and Passing Surgical Instruments	CD	29.75	LVP
Instrument Care During Decontamination and Sterilisation	CD	29.75	LVP
7.19 Periodicals			
Community Eye Health Journal – quarterly (Chinese – selected articles x 2 per year – see also section 7.20) – Download only	Journal	0.00	ICEH – www.cejjournal.org
Community Eye Health Journal:back issues,updated annually (includes selected ICEH materials) – Download only	CD	0.00	ICEH – www.cejjournal.org
Sight and Life Newsletter – Download only	Journal	0.00	SIGHT and LIFE – www.sightandlife.org
7.20 Posters			
Care of Ophthalmic Surgical Instruments (I Cox and S Stevens) – Download only	Poster	0.00	ICEH – www.cejjournal.org/files/p0503.html
Control of Infection in Ophthalmic Practice (S Stevens) – Download only	Poster	0.00	ICEH – www.cejjournal.org/files/p0502.html
Sterilisation and Disinfection (I Cox and S Stevens) – Download only	Poster	0.00	ICEH – www.cejjournal.org/files/p0501.html
Assisting the Blind and Visually Impaired (S Stevens) – Download only	Poster	0.00	ICEH – www.cejjournal.org/files/p0504.html
The Eye Anatomical Chart (ISBN: 1587791269)	Poster	9.75	Waterstones
The Eye – Anterior and Posterior Chamber	Poster	9.75	Waterstones
Disorders of the Eye	Poster	9.75	Waterstones
Red Eye/No Injury – Download only	Poster	0.00	ICEH – www.cejjournal.org/files/p0601.html
Eye injury/trauma – Download only	Poster	0.00	ICEH – www.cejjournal.org/files/p0602.html
7.21 Publications en Français			
Revue de Santé Oculaire Communautaire (publication trimestrielle) – Download only	Journal	0.00	ICEH – www.cejjournal.org/french
La lentille intraoculaire de la chambre postérieure (D Yorston and A Hennig)	CD	11.50	TALC
Chirurgie Oculaire sous les Climats Chauds (J Sandford Smith) (3rd Ed)	Livre	10.50	TALC

Description	Format	Approx. Unit Price £	Download or can be purchased from (see suppliers list for addresses)
7.21 Publications en Français – Continued			
Directives Technologiques pour un Programme de Soins Oculaires de District – Download only	Manuel	0.00	ICEH – www.cehjournal.org/french/files/10601.html
Meule a Travailler les Verres Manuel de Maintenance – Download only	Manuel	0.00	CBM
Ventillette 3 Frame Heater Manuel de Maintenance – Download only	Manuel	0.00	CBM
La carence en vitamine A et ses conséquences (A Sommer) – Download only	Livre	0.00	SIGHT and LIFE – www.sightandlife.org/publications/books
Manuel Sight and Life sur les Troubles dus a la Carence en Vitamine A (DS McLaren, m Frigg) – Download only	Livre	0.00	SIGHT and LIFE – www.sightandlife.org/publications/books
Traitement par l'Ivermectine sous Directives Communautaires (TIDC) : un guide pour les formateurs des Distributeurs communautaires (DC) – Download only	Manuel	0.00	APOC
Autres publications d'APOC – Download only	Manuel	0.00	APOC
Lutte contre le Trachome – Download only	Manuel	0.00	WHO Publications
Hanyane – Bien Voir et Mieux Vivre au Village (E Sutter et al)	Book	5.75	TALC
Livre d'Activite sur les Yeux Sains pour les Ecoles Primaires	Book	5.75	TALC
Websites for accessing learning and information resources – see also addresses in the suppliers list for items which can be ordered by post			
African Programme for Onchocerciasis Control	website		www.apoc.bf
Aravind Eye Care System	website		www.aravind.org
Atlas Alliance	website		www.atlas-alliansen.no
British Medical Journal	website		www.bmjournals.com
Christian Blind Mission	website		www.cbm.org
Centre for Eye Research Australia	website		www.cera.org.au
DFID Health Systems Resource Centre	website		www.healthsystemsrc.org
Healthlink	website		www.healthlink.org.uk
Helen Keller International	website		www.hkworld.org
HINARI (free journals online)	website		http://extranet.who.int/hinari/en/journals.php
International Agency for the Prevention of Blindness	website		www.iapb.org
International Centre for the Advancement of Rural Eye Care (LVPEI) – India	website		www.lvpei.org
International Centre for Eye Health	website		www.iceh.org.uk
Kunde Foundation	website		www.kundefoundation.org
Low Vision Information	website		www.lea-test.fi/index.html
Vision Aware on Low Vision for Older People	website		www.visionaware.org
Low Vision Online	website		www.lowvisiononline.org

Description	Format	Approx. Unit Price £	Download or can be purchased from (see suppliers list for addresses)
Websites for accessing learning and information resources – see also addresses in the suppliers list for items which can be ordered by post – Continued			
Lighthouse International	website		www.lighthouse.org
Motswedi Information Centre – South Africa	website		www.sancb.org.za
Online Atlas of Ophthalmology	website		www.eyeatlas.com
Ophthalmic Resource Centre for Eastern Africa	website		www.kcco.net
ORBIS	website		www.ORBIS.org
Pubmed Tutorial	website		www.nlm.nih.gov/bsd/disted/pubmedtutorial/
Regional Learning Resource Centre – Pakistan (em Português)	website		www.pico.org.pk
Serviço de Oftalmologia Sanitaria – Brazil	website		www.cve.saude.sp.gov.br
SightSavers International	website		www.sightsavers.org
Source	website		www.asksource.info
Task Force Sight and Life	website		www.sightandlife.org
Teaching Aids at Low Cost	website		www.talcuk.org
VISION 2020: The Right to Sight	website		www.VISION2020.org
VISION 2020 e-resources	website		http://www.v2020resource.org/
Visual Impairment: Guide for Parents and Teachers	website		www.viguide.com
WHO	website		www.who.int
WHO Orders	website		www.bookorders.who.int
WHO Publications	website		www.who.int/pbd/publications
Zabbys Books online	website		www.zabbys.net/book.html

8. Low Vision Equipment

For a picture of each item, please refer to the web version of the Standard List on www.VISION2020.org

Description	Unit	Catalogue Code	Suppliers	Approx. Unit Price Euro €
8.1 Hand Held Magnifiers				
6 Dioptre, 1.5X, 80mm	1 pc	6743	HKSB	2.50
8 Dioptre, 2X, 60mm	1 pc	6744	HKSB	1.75
12 Dioptre, 3X, 50mm	1 pc	6745	HKSB	1.50
12 Dioptre, 3X, 44mm with 5X Auxiliary Lens	1 pc	7544	HKSB	0.50
12 Dioptre, Lens Diameter: 70mm	1 pc	6731	HKSB	3.75
16 Dioptre, Lens Diameter: 60mm	1 pc	6732	HKSB	3.50
20 Dioptre, Lens Diameter: 57mm	1 pc	6733	HKSB	3.25
24 Dioptre, Lens Diameter: 50mm	1 pc	6734	HKSB	3.25
8.2 Illuminated Hand Held Magnifiers				
6 Dioptre, 1.5X, 76mm with 3X Auxiliary Lens	1 pc	7572	HKSB	2.00
8 Dioptre, 2X, 50mm with 4X Auxiliary Lens	1 pc	7574	HKSB	1.50
16 Dioptre, 4X, 25mm	1 pc	7557	HKSB	1.50
12 Dioptre, 3X, 45mm	1 pc	7559	HKSB	1.50
28 Dioptre, 7X, 35mm	1 pc	6714	HKSB	4.00
36 Dioptre, 9X, 35mm	1 pc	6715	HKSB	4.00
44 Dioptre, 11X, 30mm	1 pc	6716	HKSB	4.00
50 Dioptre, 12.5X, 30mm	1 pc	6717	HKSB	4.00
8.3 Foldable Magnifiers				
6 Dioptre, 1.5X, 60 x 32mm	1 pc	7505	HKSB	1.25
12 Dioptre, 3X, 38mm	1 pc	7523	HKSB	1.25
10 Dioptre and 14 Dioptre, 2.5X and 3.5X, 35mm	1 pc	6238	HKSB	1.75
16 Dioptre and 40 Dioptre, 4X and 10X, 25mm	1 pc	7534	HKSB	1.50
8.4 Stand Magnifiers				
12 Dioptre, 3X, 50mm	1 pc	7554	HKSB	1.75
28 Dioptre, 7X, 35mm	1 pc	6756	HKSB	2.75
36 Dioptre, 9X, 35mm	1 pc	6757	HKSB	2.75
44 Dioptre, 11X, 30mm	1 pc	6758	HKSB	2.75
50 Dioptre, 12.5X, 30mm	1 pc	6759	HKSB	2.75
8.5 Illuminated Stand Magnifiers				
24 Dioptre, 6X, 50mm	1 pc	6906	HKSB	5.00
32 Dioptre, 8X, 35mm	1 pc	6907	HKSB	5.00
8.6 Dome and Bar Magnifiers				
2X, 65mm	1 pc	6912	HKSB	6.00
2X, 50mm	1 pc	6913	HKSB	4.25
1.5X, 160 x 25mm	1 pc	1625	HKSB	0.75
1.5X, 210 x 25mm	1 pc	2125	HKSB	1.00
8.7 Telescopes				
Extra-Short Focus, 3X, 12mm	1 pc	3912	HKSB	10.00
Extra-Short Focus, 4X, 16mm	1 pc	3914	HKSB	10.25
Extra-Short Focus 6X, 21mm	1 pc	3916	HKSB	10.75
Extra-Short Focus 8X, 25mm	1 pc	3918	HKSB	11.00
Extra-Short Focus 5X, 50mm	1 pc	3915	HKSB	15.00
Extra-Short Focus 10X, 25mm	1 pc	3920	HKSB	0.24

Description	Unit	Catalogue Code	Suppliers	Approx. Unit Price Euro €
8.7 Telescopes – Continued				
Near Clip-On Monocular, 2.5X with 10D lens cap	1 pc	6017	HKSB	0.44
Near Clip-On Monocular, 2.5X	1 pc	6018	HKSB	9.00
Distance Clip-On Monocular, 2.8X	1 pc	6019	HKSB	8.25
Near Telescopes Fitted into a Spectacle Frame, 3.5X	1 pc	3158	HKSB	18.25
Distant Telescopes Fitted into a Spectacle Frame, 2.8X	1 pc	3153	HKSB	12.00
Near Telescopes, 2.5X, Fitted into a Spectacle Frame Angled to Focus from 25cm to 35cm	1 pc	3152	HKSB	34.25
8.8 LED Stand Magnifiers				
8 Dioptre, 100X, 75mm	1 pc	6957	HKSB	16.75
12 Dioptre, Lens Diameter: 70mm	1 pc	6951	HKSB	10.50
16 Dioptre, Lens Diameter: 60mm	1 pc	6958	HKSB	10.50
20 Dioptre, Lens Diameter: 57mm	1 pc	6955	HKSB	10.50
26 Dioptre, Lens Diameter: 35mm	1 pc	6953	HKSB	9.75
36 Dioptre, Lens Diameter: 35mm	1 pc	6956	HKSB	9.75
8.9 LED Handheld Magnifiers				
8 Dioptre, Lens Diameter: 50 x 75mm	1 pc	6977	HKSB	13.75
12 Dioptre, Lens Diameter: 70mm	1 pc	6970	HKSB	9.75
16 Dioptre, Lens Diameter: 60mm	1 pc	6978	HKSB	9.75
26 Dioptre, Lens Diameter: 25mm	1 pc	6972	HKSB	9.75
8.10 CCTV				
Max Black and White hand-held CCTV (NTSC or PAL system)	1 pc		HKSB	259.50
Max Colour hand-held CCTV (NTSC or PAL system)	1 pc		HKSB	333.50
<i>Please specify your choice when placing order</i>				
<i>Package Includes: Max Digital Magnifier/Max Trek (Optional)/Control Unit/Power Adapter/Video Cable/A/B Switch Assembly</i>				
LVRC Low Cost CCTV	1 pc		HKSB	44.50
<i>Package Includes: Magnifier/Power Adapter/Video Cable</i>				
8.11 Half-Frame Spectacles Magnifier (without Case)				
Black Coloured Frame, RE: + 8D, LE: Plano, 37 □ 23-135	1 pc	SH001	HKSB	4.25
Black Coloured Frame, RE: Plano, LE: +8D, 37 □ 23-135	1 pc	SH002	HKSB	4.25
Black Coloured Frame, RE: +10D, LE: Plano, 37 □ 23-135	1 pc	SH003	HKSB	4.25
Black Coloured Frame, RE: Plano, LE: +10D, 37 □ 23-135	1 pc	SH004	HKSB	4.25
Black Coloured Frame, RE: +12D, LE: Plano, 37 □ 23-135	1 pc	SH005	HKSB	4.50
Black Coloured Frame, RE: Plano, LE: +12D, 37 □ 23-135	1 pc	SH006	HKSB	4.50
Black Coloured Frame, RE: +16D, LE: Plano, 37 □ 23-135	1 pc	SH007	HKSB	4.50
Black Coloured Frame, RE: Plano, LE: +16D, 37 □ 23-135	1 pc	SH008	HKSB	4.50
8.12 Full-Frame Spectacles Magnifier (without Case)				
Transparent Pink Coloured Frame, RE: +8D, LE: Plano, 45 □ 19-140	1 pc	SF001	HKSB	2.25
Transparent Pink Coloured Frame, RE: Plano, LE: +8D, 45 □ 19-140	1 pc	SF002	HKSB	2.25
Transparent Pink Coloured Frame, RE: +10D, LE: Plano, 45 □ 19-140	1 pc	SF003	HKSB	2.50
Transparent Pink Coloured Frame, RE: Plano, LE: +10D, 45 □ 19-140	1 pc	SF004	HKSB	2.50
Transparent Pink Coloured Frame, RE: +12D, LE: Plano, 45 □ 19-140	1 pc	SF005	HKSB	2.50
Transparent Pink Coloured Frame, RE: Plano, LE: +12D, 45 □ 19-140	1 pc	SF006	HKSB	2.50

Description	Unit	Catalogue Code	Suppliers	Approx. Unit Price Euro €
8.13 Filters				
8 different shades (dark grey, light grey, light brown, blue blockers, dark yellow, dark red) can be fitted onto user's own spectacles, can shield off light from all sides, can block UV and luminous transmission of 40%. Blue blockers, dark yellow, dark red) can be fitted over user's own spectacles, can shield off light from all sides, can block UV and luminous transmission of 40%, 18%, 10%, 2%, and 1%				
Dark Brown	1 pc	C05	HKSB	1.25
Light Brown	1 pc	C303	HKSB	1.25
Dark Grey	1 pc	S05	HKSB	1.25
Light Grey	1 pc	S301	HKSB	1.25
Dark Red	1 pc	R05	HKSB	1.25
Light Red	1 pc	R303	HKSB	1.25
Dark Yellow	1 pc	Y05	HKSB	1.25
Light Yellow	1 pc	Y108	HKSB	1.25
8.14 Specialised Low Vision Diagnostic Equipment (refer to Examination and Diagnostic)				
Streak Retinoscope, AC type	1 pc	YZ24	HKSB	78.50
Direct Ophthalmoscope, battery and AC type	1 pc	YZ11D	HKSB	133.50
Direct Ophthalmoscope, Battery Type	1 pc	YZ11	HKSB	62.25
Ophthalmoscope and Retinoscope Combined Set (Battery Type)	1 pc	YUEJ1N	HKSB	52.00
Lensmeter (Focimeter), power range ± 25 Dioptres	1 pc	CCQV	HKSB	289.00
266 Trial Lens Set (Metal) – Size 61 x 39 x 10cm	1 pc		HKSB	200.25
Universal Trial Frames, 48mm – 80mm	1 pc	UTF	HKSB	27.50
Simple Trial Frame Size 54mm	1 pc	STF54	HKSB	3.75
Simple Trial Frame Size 56mm	1 pc	STF56	HKSB	3.75
Simple Trial Frame Size 58mm	1 pc	STF58	HKSB	3.75
Simple Trial Frame Size 60mm	1 pc	STF60	HKSB	3.75
Simple Trial Frame Size 62mm	1 pc	STF62	HKSB	3.75
Simple Trial Frame Size 64mm	1 pc	STF64	HKSB	3.75
Paediatric Trial Frame Set and Frame (2201-P-1172 and 2207-P-1202)	1 pc		KEE	1,330.00
Tangent Screen	1 pc	BC4001	HKSB	107.50
Hand-Disc Perimeter	1 pc	BC4022	HKSB	70.50
Trial Lens Clip (pair)	1 pc	BC3011	HKSB	55.75
Amsler Grid Book	1 pc	BC2245	HKSB	35.75
Crossed Cylinder (+/-0.25D)	1 pc	TOM3030025	HKSB	6.00
Crossed Cylinder (+/-0.50D)	1 pc	TOM3030050	HKSB	6.00
Crossed Cylinder (+/-1.00D)	1 pc	TOM3030100	HKSB	35.75
8.15 Vision Assessment Tests				
8.15.1 LogMAR Tests				
LogMAR Test Chart in Sloan Letters For Distance Visual Acuity Testing (W:68.5cm H:61cm)	1 pc	DL	HKSB	11.25
LogMAR Test Chart In Numbers For Distance Visual Acuity Testing (W:68.5cm H:61cm)	1 pc	DN	HKSB	11.25
LogMAR Test Chart In Illiterate E For Distance Visual Acuity Testing (W:68.5cm H:61cm)	1 pc	DIE	HKSB	11.25
LogMAR Test Chart In Landolt C For Distance Visual Acuity Testing (W:68.5cm H:61cm)	1 pc	DC	HKSB	11.25
LogMAR Flip Cards In Sloan Letters For Distance VA Testing (W:7.5cm H:22.5cm D:1.2cm)	1 pc	FL	HKSB	18.00

Description	Unit	Catalogue Code	Suppliers	Approx. Unit Price Euro €
8.15.1 LogMAR Tests – Continued				
LogMAR Flip Cards In Numbers For Distance VA Testing (W:7.5cm H:22.5cm D:1.2cm)	1 pc	FN	HKSB	18.00
LogMAR Flip Cards In Illiterate E For Distance VA Testing (W:7.5cm H:22.5cm D:1.2cm)	1 pc	FIE	HKSB	18.00
LogMAR Flip Cards In Landolt C For Distance VA Testing (W:7.5cm H:22.5cm D:1.2cm)	1 pc	FC	HKSB	18.00
LogMAR Test Card in Sloan Letters For Near VA Testing (W:21.5cm H:7.5cm)	1 pc	NL	HKSB	4.50
LogMAR Test Card In Numbers For Near VA Testing (W:21.5cm H:7.5cm)	1 pc	NN	HKSB	4.50
LogMAR Test Card In Illiterate E For Near VA Testing (W:21.5cm H:7.5cm)	1 pc	NIE	HKSB	4.50
LogMAR Test Card In Landolt C For Near VA Testing (W:21.5cm H:7.5cm)	1 pc	NC	HKSB	4.50
8.15.2 Distance and Near Visual Acuity Charts				
Single Number Book for Distance Visual Acuity (12.7cm x 12.7cm)	1 pc	GL274000	HKSB	29.75
Single Symbol Book Distance Visual Acuity (12.7cm x 12.7cm)	1 pc	GL250600	HKSB	29.75
Crowded Symbol Book Distance Visual Acuity (12.7cm x 12.7cm)	1 pc	GL250700	HKSB	29.75
15 Line Folding Distance Chart Distance Visual Acuity (43cm x 26.7cm)	1 pc	GL250100	HKSB	37.25
Domino Card for Near Visual Acuity (4cm x 7cm)	1 pc	GL251500	HKSB	15.00
Lea Near Card with Cord (Linear symbol and Number	1 pc	GL251000	HKSB	18.75
8.15.3 Translucent Distance Visual Acuity Sets and Charts				
LEA Numbers charts (22.9cm x 35.6cm)	1 pc	GL271200	HKSB	10.50
LEA Sloan Letter Charts (22.9cm x 35.6cm)	1 pc	GL600705	HKSB	10.50
LEA Symbol Test Set (22.9cm x 35.6cm)	1 pc	GL2252400	HKSB	18.75
8.15.4 Contrast Tests				
LEA Symbol Low Contrast Flip Chart (8.25cm x 22.9cm)	1 pc	GL251100	HKSB	59.50
LEA Numbers Low Contrast Flip Chart (8.25cm x 22.9cm)	1 pc	GL270400	HKSB	59.50
Cardiff Cards – Acuity Test	1 pc		FOGARTY	525.00
8.15.5 Adaption Tests				
Cone Adaption Test	1 pc	GL252900	HKSB	29.75
8.15.6 Cognitive Vision Tests				
LEA Puzzle (17.2cm x 17.2cm)	1 pc	GL251600	HKSB	33.50
Heidi Expression	1 pc	GL254500	HKSB	85.25
Hiding Heidi Low Contrast	1 pc	GL253500	HKSB	59.50
LEA Grating Paddles	1 pc	GL253300	HKSB	141.00
Medium Fixation Paddles	1 pc	GL253100	HKSB	11.00
Small Fixation Paddles	1 pc	GL253000	HKSB	5.50
8.15.7 Colour Vision Test				
Panel 16 Quantitative Colour Vision Test (Double Set)	1 pc	GL260100	HKSB	259.50
8.15.8 Others				
LEA Illuminated Cabinet	1 pc	HKSB	HKSB	107.50
Stand with Caster for Illuminated Cabinet	1 pc	HKSB	HKSB	59.00
Dust Cover for Illuminated Cabinet	1 pc	HKSB	HKSB	15.50

Appendix 1: Cataract Kit for Five Surgeries

Items	Brand Options	Category and Use	Qty ECCE
Eye Drops – Antibiotics (choose any one) a. Ofloxacin 0.3% – 5ml b. Chloramphenicol 0.5% – 10ml	a. Ofloxacin 0.3% – 5ml b. Chloramphenicol 0.5% – 10ml	Antibiotic – used to prevent infection	5
Eye Drops – Mydriatics and Cycloplegics (choose any one) a. Tropicamide 1% Of 5ml b. Tropicamide 0.8% w/v Phenylephrine 5% – 5ml	a. Tropicamide 1% of 5ml b. Tropicamide 0.8% w/v Phenylephrine 5% – 5ml	Mydriatics – used to dilate the pupil prior to the surgery	1
Eye Pad	Eye Pad	Surgical Accessories and Aids	5
Eye Shield	Eye Shield	Surgical Accessories and Aids	5
Cannula 22G		Surgical Accessories and Aids	5
Ophthalmic Dyes Trypan Blue 0.06% of 1 (required only in hypermature white cataracts)	Auroblue	Ocular Staining Dyes – used in matured cataract surgery (Capsulorhexis)	1
Local Anaesthetics (choose any one) a. Lignocaine and Adrenaline Inj. 2% 30ml b. Lignocaine Hcl Inj. 2% 30ml	Lignox 2% A/Xylocaine 2%	Local Anaesthetics – prevent the generation and conduction of nerve impulses	2
Intra Ocular Injection Hyaluronidase Inj. 1500 IU	Hynidase	Spreading Factor – an enzyme used to increase the permeability and dispersal of Injectable fluids	1
Intra Ocular Injection Gentamicin 80mg Inj. per 2ml	Gentycin Inj	Anti microbial – used to treat infections caused by sensitive organisms	2
Intra ocular Injection Dexamethasone Sodium Phosphate 4mg Inj. per 2ml	Decdan Inj	Ocular Anti Inflammatory/Allergy – used/prevent to treat infection of cornea, sclera and uveal tract and surgical trauma	2
Intra Ocular lens (choose any one) Single Piece PMMA/Three Piece PMMA/Foldable Lens (with extra cost)	Refer to website	Intra Ocular Implant Standard Pack (optional) – in lieu of Single Piece	5
Sutures (choose any one) Sutures 10-0 Single arm (Model: 6401N) Sutures 9-0 Single arm (Model: 6491N) Sutures 8-0 Single arm (Model: 8481N)	Please confirm preferred suture	Surgical Accessories and Aids	5
Drapes without Bag (50 x 40cms – ECCE)	Eye Drapes	Surgical Accessories and Aids	5
Surgical Adjuncts HPMC 2% of 3ml vial (included in ECCE)	Aurovisc	Visco-Elastic – used to protect corneal endothelial tissues during surgery	3
Eye Drops – Antibiotics (choose any one) Chloramphenicol 0.5% of 10ml *Chloramphenicol 0.5% + Dexamethasone 0.1% Ofloxacin 0.3% – 5ml	a. Chloramphenicol 0.5% of 10ml b. *Aurocol-DM 10ml c. Ofloxacin 0.3% 5ml	Used to treat keratoconjunctivitis, corneas, ulcer, pre-op prophylaxis, post-op eye infections and other infections	5
Eye Drops – Mydriatics and Cycloplegics Cyclopentolate Hcl 1% – 5ml	Cyclopentolate Hcl 1% – 5ml	Long acting mydriatics and cycloplegics drug used to treat inflammatory conduction of the Uveal tract and pre-op and post-op states when mydriasis is required	5
Eye Drops – Anti Inflammatory/Steroids (choose any one) Prednisolone Sodium Phosphate 0.5% – 10ml Prednisolone Acetate 1% – 5ml	a. Prednisolone Sodium Phosphate 0.5% – 10ml b. Prednisolone Acetate 1% – 5ml	Used to treat inflammatory conduction of the palpebral and bulbar conjunctiva, lid cornea, anterior segment of the globe, allergic conjunctivitis, non specific superficial keratitis and post-operative inflammation following ocular surgery	5
Tablets – Pain Killers Ibuprofen 400mg and Paracetamol 325mg	Combiflam	Pain Killers	20

Appendix 2: Cataract Kit for Five Surgeries for Small Incision Surgery (SICS)

Items	Brand Options	Category and Use	Qty
Eye Drops – Antibiotics (choose any one) a. Ofloxacin 0.3% – 5ml b. Chloramphenicol 0.5% – 10ml	a. Ofloxacin 0.3% – 5ml b. Chloramphenicol 0.5% – 10ml	Antibiotic – used to prevent infection	5
Eye Drops – Mydriatics and Cycloplegics (choose any one) a. Tropicamide 1% of 5ml b. Tropicamide 0.8% w/v Phenylephrine 5% 5ml	a. Tropicamide 1% of 5ml b. Tropicamide 0.8% w/v Phenylephrine 5% 5ml	Mydriatics – used to dilate the pupil prior to the surgery	1
Eye Pad	Eye Pad	Surgical Accessories and Aids	5
Eye Shield	Eye Shield	Surgical Accessories and Aids	5
Cannula 22G	Pricon	Surgical Accessories and Aids	2
Ophthalmic Dyes Trypan Blue 0.06% of 1ml (required only in hypermature white cataracts)	Auroblue	Ocular Staining Dyes – used in matured cataract surgery (Capsulorhexis)	1
Local Anaesthetics (choose any one) a. Lignocaine and Adrenaline Inj. 2% – 30ml b. Lignocaine Hcl Inj. 2% – 30ml	Lignox 2% A/Xylocaine 2%	Local Anaesthetics – prevent the generation and conduction of nerve impulses	2
Intra Ocular Injection Hyaluronidase Inj 1500 IU	Hynidase	Spreading Factor – an enzyme used to increase the permeability and dispersal of injectable fluids	1
Intra Ocular Injection Gentamicin 80mg Inj. per 2ml	Gentycin Inj	Anti microbial – used to treat infections caused by sensitive organisms	2
Intra Ocular Injection Dexamethasone Sodium Phosphate 4mg Inj. per 2ml	Decdan Inj	Ocular Anti Inflammatory/Allergy – used/prevent to treat infection of cornea, sclera and uveal tract and surgical trauma	2
Intra Ocular Lens (choose any one) Single Piece PMMA/Three Piece PMMA/Foldable Lens (with extra cost)	Refer to webiste	Intra Ocular Implant Standard Pack (optional) – in lieu of Single Piece (available at extra cost)	5
Blades (set of 4 blades – without handle)	Aurosharp/SharpEdge Blade	Surgical Accessories and Aids	2 sets
Drapes with Bag (50 x 40cms – SICS)	Eye Drapes Plus	Surgical Accessories and Aids	5
Surgical Adjuncts HPMC 2% of 2ml (Pre filled syringe – with Cannula 22G)	Aurovisc	Viscoelastic – used to protect corneal endothelial tissues during surgery	3
Eye Drops – Antibiotics (choose any one) a. Chloramphenicol 0.5% of 10ml b. Chloramphenicol 0.5% + Dexamethasone c. 0.1% 10ml Ofloxacin 0.3% – 5ml	a. Chloramphenicol 0.5% of 10ml b. Aurocol-DM 10ml c. Ofloxacin 0.3% 5ml	Used to treat keratoconjunctivitis, corneas, ulcer, pre-op prophylaxis, post-op eye infections and other infections	5
Eye Drops – Mydriatics and Cycloplegics Cyclopentolate Hcl 1% 5ml	Cyclopentolate Hcl 1% 5ml	Long acting mydriatics and cycloplegics drug used to treat inflammatory conduction of the Uveal tract and pre-op and post-op states when mydriasis is required	5
Eye Drops – anti Inflammatory/Steroids (choose any one) a. Prednisolone Sodium Phosphate 0.5% – 10ml b. Prednisolone Acetate 1% – 5ml	a. Prednisolone Sodium Phosphate 0.5% – 10ml b. Prednisolone Acetate 1% – 5ml	Used to treat inflammatory conductions of the palpebral and bulbar conjunctiva, lid cornea, anterior segment of the globe, allergic conjunctivitis, non specific superficial keratitis and post-operative inflammation following ocular surgery	5
Tablets – Pain Killers Ibuprofen 400mg and Paracetamol 325mg	Combiflam	Pain Killers	20

Aspheric IOL



Negative aberration Lens
Enhanced functional vision
Enhanced contrast sensitivity
Less sensitive to tilt and decentration
360° square edge
Disposable delivery system
Proven material and well accepted design



Ocublue Plus



(Brilliant Blue G solution 0.05% w/v - 1ml)
A New Dye for ILM & ERM Peeling
Biocompatible & Non toxic
Good staining & Better contrast
No photo induced side effects
No inflammatory reactions



Single Piece / Three Piece PMMA Lens

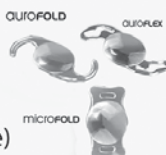
Equi Convex Optic
Material - UV Absorbing PMMA
Double sterile blister pack



Auroflex / Aurofold / Microfold



Hydrophilic Acrylic Foldable Lens
Material - UV Absorbing Poly - HEMA
Disposable delivery system (Injector & Cartridge)



Aurovue



Hydrophobic Acrylic Foldable Lens
Refractive Index : 1.47 to ensure minimum reflection
Tacky nature of material & 360° Square Edge reduces PCO rate
Adaptability to different capsular bag sizes with no optic decentration
Disposable delivery system (Injector & Cartridge)



AuroGel



(Sodium Hyaluronate 1.4% w/v - 1ml PFS)
Cohesive Viscoelastic
High Quality
Easy to Remove



AuroVisc



(Hypromellose Ophthalmic Solution USP 2% w/v - 2ml PFS, 3, 5ml vials)
Dual filtration and double pouch to ensure sterility
Effective in the protection of corneal endothelium
Dispersive viscoelastic



AuroBlue



(Trypan Blue 0.06% w/v - 1ml)
Anterior capsule stainer
Vital tool for Capsulorhexis



Polycryl



Violet Braided and monofilament Absorbable Sutures

Excellent knot security and handling
Perfect tensile strength during the crucial wound healing period
Poly caprolactone calcium stearate coated suture



AuroKit

Convenience of procuring cataract consumables from one point source

Wide variety of choice available in drugs for pre, intra and post operative cataract procedures



Also available :



Sutures
Nylon - Cataract & Corneal
Silk - Cataract, Corneal,
Orbit & Oculoplast
Polyester - Retinal,
Orbit & Oculoplast
Polypropylene - Scleral fixation,
Orbit & Oculoplast



Pharmaceuticals
AuroVisc
AuroBlue
AuroGel
Other Surgical Adjuncts
&
Speciality Drugs



Blades
Sideport
Crescent
Keratome
MVR
Handles



Instruments
Bipolar Coagulator
Solid state wet - field

Appendix 3: Essential Equipment for Cataract Surgeons

Equipment and Supplies for 500 ECCE/PCIOL Operations

Description	Quantity Required
Outpatient Equipment	
Inami Slit Lamp with Applanation Tonometer, manual stand (L-0179 Inami suggested)	1
Spare Bulbs for Inami slit lamp (for 1 year)	4 pcs
Heine Ophthalmoscope plus 2 spare bulbs	1
Heine Indirect Ophthalmoscope with case and 20D lens	1
Spare bulb for indirect, Heine	1 pack
Heine 200 Streak Retinoscope 2.5V	1
Spare bulb for Heine Retinoscope (6 pcs)	1 pack
Cross cylinder 0.5	1
Trial frame, adult	1
Examination Loupe 2.5X magnification	1
Schiotz Tonometer	1
Operating Theatre Equipment	
Wire specula (adult and child)	2
Scan Optics operating microscope with case SO-111W	1
Spare bulb and fuse pack for SO-161R	5
Floor stand (SO1003)	1
Metal carrying case for microscope SO1006	1
Reuben Operating pillow	1
Eye Pressure Reducer	2
Cataract surgical set – ECCE/PCIOL*	2
Calipers 20mm	1
Minor operation sets*	2
Entropion set*	2
Spirit lamp with wick	1
Instrument box for minor and entropion sets 210 x 130mm	2
Instrument box for minor and entropion sets 260 x 210mm	2
Kidney bowl 0.5L 250 x 36	1
Instrument soaking tray 210 x 130mm	1
Rolls of protective silicone tubing for delicate	2
Sterilising drums for IDEN, round, 390mm x 290mm	2
Sterilising drum for IDEN, round 390mm x 140mm	1
9/0 nylon double armed sutures (12 pcs)	14 boxes
4/0 black braided silk on a reel	1 reel
10/0 nylon for corneal lacerations, single armed (12 pcs)	4 boxes
6/0 Vicryl cutting needle 20mm	2 boxes
Cutting eye needles for lid surgery (12 per pkt)	10 pkts
Triangular swabs (pkt/500 pcs)	2 pkts
Starter pack of IOLs 22D, single piece with dialling holes	500
AC Lenses 19 D three or four point fixation, 19D	20
Pharmaceuticals	
Povidone Iodine aqueous solution 10%. 200ml	100 bottles
Tropicamide + Phenylephrine Eye Drops	200 bottles
Lignocaine 2% and Adrenaline 1:100,000, 50ml	15 bottles
Gentamicin 0.3% + Dexamethasone Eye Drops 0.1%, 10ml	500 bottles
Dexamethasone Sodium Phosphate 4mg/ml injection	300 amps
Gentamicin Injection 40mg.ml, 2ml	200 vials
Pilocarpine Nitrate Injection 0.5% 1ml	20 amps
Methycellulose HPMC in prefilled syringes with cannula 2ml	250 syringes
If vitrectomy machine included	
Geuder Vitron 2020 vitrectomy machine with infusion, vitrectors, carrying case etc	1
Spare disposable vitrectors for the above (2 pcs)	2 sets
Note: *If conducting outreach surgeries it is advisable to have separate outreach and base hospital surgical instruments	

Appendix 4: Wet Labs

Aspects and equipment to consider if setting up a Wet Lab

Introduction

The Wet Lab is a learning environment. For the learner it is mandatory to use the Wet Lab before starting surgery on patients.

The number of cases the learner performs in the Wet Lab should be documented and the progress of their learning monitored both through documentation and also through observation by the supervisor. The learner should return to the Wet Lab during surgical training to reinforce and deepen skills.

A list of equipment and approximate costs are given below.

Room

1. Spacious and easily accessible.
2. Working bench at sitting level with stools for practitioners. Length of bench, which could also be a table, should be determined by the number of 'stations' to be set up.
3. Stools may be height-adjustable.
4. Sink and draining board for washing up instruments after use, with other instrument cleaning equipment, e.g. receivers, etc.
5. Electrical sockets for microscope and lighting.

Operating Microscope

Scan Optics have recently produced a microscope that is specifically for Wet Labs (SO-1700). Otherwise the SO-111W would be acceptable (see Section 3).

If funds are short the operating microscope from the theatre can be used.

Illumination

It may be advisable to have a portable operating lamp available e.g. Scan Optics (see Section 3).

Instruments

1. There should be one full set (including small incision knives) of cataract instruments for each 'station'.
2. Instrument boxes should be provided for each set to maintain the quality of the instruments.
3. Instruments must be washed after use.
4. Each week the instruments should be correctly sterilised.

Wet Lab instruments should be kept separately from operating room surgical instruments. They are not interchangeable.

Additional Materials

1. Sutures and visco-elastics left over from the operating theatre can be used in the Wet Lab (9/0 and 10/0 sutures).
2. Small incision knives from the operating theatre can be sterilised and reused in the Wet Lab.
3. To practice capsulotomies, a piece of polythene e.g. from a plastic food packet or wrapping material can be stretched across an empty film container.
4. To keep the practice eye steady during surgery it needs to be placed in a socket.
Suggested low-cost solutions include:
 - The plastic cup from an egg box
 - Wooden head that can be washed down (locally made) with sockets
 - A piece of foam or wood that will support the eye and pinned down to prevent it rolling.
5. Ox, pig or sheep eyes are good practice material.
6. It is recommended that the learner has access to videos which can be viewed during the practice time.

Suggested equipment for a Wet Lab

Description	Suggested Supplier	Approximate Cost Euro €
Wet Lab Microscope	Scan Optics SO-1700	See Section 3
Portable Surgical Light	Scan Optics SO- 901	See Section 3
ECCE IOL Surgical Instrument: Set	Khosla	See Section 4
Small Incision Instruments		
– Kansas Lens Loop, Serrated 3mm wide	Khosla – 1740	12
– Kansas Nucleus Cleaver	Khosla – 1741	12
– Kansas Nucleus Vectis Solid	Khosla – 1743	12
– Faulkner Lens Holding Forceps	Khosla – 2680	36
– Kansas Fragment Removing Forceps	Khosla – 2810	42
– Slit Knife, Angled, Disposable	Khosla – K-Slit	2.50
– Keratomes Knife, Angled, Disposable	Khosla – K-KER	2.50
– Crescent Knife, Angled, Disposable	Khosla – K-CRES	2.50
– Lance Tip, Disposable	Khosla – K-LANC/T	2.50
Sterilising box for Instruments	Khosla	85

Appendix 5: List of Suppliers

Ref	Supplier	Address	Tel Nos	Fax Nos	E-Mail	Web
<i>Orders and technical enquiries should be sent direct to suppliers.</i>						
ALI	Alibris	Alibris 1250 45th Street, Suite 100 Emeryville, CA 94608 USA	N/A	N/A	sellers@alibris.com	www.alibris.co.uk
AMA	Amazon UK	N/A	N/A	N/A	N/A	www.amazon.co.uk
APOC	APOC	African Programme for Onchocerciasis Control, P O Box 549, Ougadougou, Burkina Faso	+226 5034 2953, 5034 2959	+226 5034 2875	seketelia@oncho.oms.bf	www.apoc.bf
ARA	Aravind	72, Kuruvikaran Salai, Gandhi Nagar, Madurai – 625 020, Tamil Nadu, India	+91 452 435 6500	+91 452 2530 984	webinfo@aravind.org	www.aravind.org
ATL	The Atlas Alliance	Schweigaardsgt 12, P O Box 9218, Gronland, 0134 Oslo, Norway	+47 22 17 46 47	+47 23 16 35 95	atlas@atlas-alliansen.no	www.atlas-alliansen.no
APP	Appasamy	20, SBI Offices's Colony, First Street, Arumbakkam, Chennai (Madras) – 600 106, India	+91 44 32980153 and +91 44 32980154	+91 44 23630721, 23631208	info@appasamy.com	www.appasamy.com
AUR	AUROLAB	Aurolab No: 1, Sivagangai Main Road Veerapanjan, Madurai – 625 020, Tamil Nadu, India	+91 – 452 – 2446100	+91 – 452 – 2446200	sales@aurolab.com	www.aurolab.com
BIO	Biotech	Biotech Vision Care Pvt.Ltd., 401, Sarthik II, Opp.Rajpath Club, S.G.Highway, Ahmedabad – 380015, Gujarat, India	+91 79-26870896/ 97/98	+91 79 40033767	contact@ biotechvisioncare.com	www.biotech visioncare.com
BLA	Blackwell	Blackwell UK Ltd. Beaver House, Hythe Bridge Street, Oxford OX1 2ET	44 1865 333000	+44 1865 791438	mail.ox@blackwell. co.uk	www.blackwell.co.uk
BRAU	B Braun	B.Braun/Aesculap AG Business Management Middle East/Africa, Am Aesculap Platz 78532 Tuttlingen, Germany	+49 7461 95 2926	+49 7461 95 2127	info@bbraun.com	www.bbraun.com
BUN	Bunzl Healthcare	Unit 6 Delta Park Industrial Estate Millmarsh Lane, Enfield, Middlesex EN3 7QJ	+44 20 8443 7800	+44 20 8443 7843	enquiries.healthcare@ bunzl.co.uk	www.bunzlhealthcare. co.uk

Ref	Supplier	Address	Tel Nos	Fax Nos	E-Mail	Web
CAR	Carleton Optical Equipment Ltd	Pattison House, Addison Road, Chesham, Bucks HP5 2BD, United Kingdom	+44 1494 775811	+44 1494 774371	carleton@carletonltd.com	www.carletonltd.com
CART	The Carter Center	The Carter Center One Copenhill, 453 Freedom Parkway, Atlanta, GA 30307	(404) 420-5100		carterweb@emory.edu	www.cartercenter.org
CBM	CBM	CBM Vision House, 7/8 Oakington Business Park, Dry Drayton Road, Oakington, Cambridge CB24 3DQ	+44(0)1223 484700	+44(0)1223 484701	info@cbmuk.org.uk	www.cbmuk.org
CERA	Centre for Eye Research Australia	Centre for Eye Research Australia c/o Royal Victorian Eye & Ear Hospital, Locked Bag 8, East Melbourne, VIC 8002 Australia	+61 3 9929 8360	+61 3 9662 3859	cera-info@unimelb.edu.au	www.cera.org.au
CH	Collton Hailsham	Unit 1B, Hankham Hall Cottage Hankham Hall Road, Westham Pevensey, East Sussex, BN24 5AH	+44 (0)1323 743 629	+44 (0)1323 743 629	colltonhailsham@btconnect.com	www.colltonhailsham.com
CHA	Chasmawala	Chasmawala Pvt Ltd., Chasmawala House, Behind Vihar Cinema, Pratap Nagar Road, Vadodara-390004, INDIA	+91 265 242 6555	+91 265 2422 999	simplex@facpl.com	www.facpl.com
COLL	College of Optometrists UK	The College of Optometrists 41-42 Craven Street London WC2N 5NG	+44 (0) 20 7839 6000	+44 (0) 20 7839 6800	optometry@college-optometrists.org	www.college-optometrists.org
DEE	Deepak	Deepak Enterprises, F-26, Okhal, Industrail Area, Phase – 1, New Delhi 110020, India	+91 11 2681 0195	+91 11 2681 0199	deepak@deepakenterprises.com	www.deepakenterprises.com
DIA	Diamedica	Diamedica (UK) Ltd Grange Hill Industrial Estate Bratton Fleming, Barnstaple, Devon EX31 4UH	+44 1598 710066	+44 1598 710055	info@diamedica.co.uk	www.diamedica.co.uk
DIF	Difaem	Difaem – Gesundheit in der Einen Welt, Arzneimittelhilfe, Paul-Lechler-Str. 24, 72076 Tübingen, Germany	+49 7071/206-529	+49 7071/206-543	klein.amh@difaem.de	www.difaem.de
DEV	The Development Bookshop	Development Bookshop Practical Action Publishing The Schumacher Centre for Technology and Development, Bourton on Dunsmore Rugby Warwickshire CV23 9QZ United Kingdom	+44 (0)1926 634501	+44 (0)1926 634502	N/A	www.developmentbookshop.com

Ref	Supplier	Address	Tel Nos	Fax Nos	E-Mail	Web
DOR	DORC International B.V.	Scheijdelveweg 2, 3214 VN Zuidland, The Netherlands	+31 181 458080	+31 181 458090	sales@dorc.nl	www.dorc.nl
DUR	Durbin PLC	Ullswater Crescent, Coulsdon, Surrey CR5 2HR United Kingdom	+44 208 660 2220	+44 208 668 0751	cataloguesales@durbin.co.uk	www.durbin.co.uk
EE	Eenet (Web only)				info@eenet.org.uk	www.eenet.org.uk
ELS	Elsevier (web)	Linacre House, Jordan Hill, Oxford OX2 8DP, United Kingdom	44 (0)1865 474010	+44 (0)1865 474011	directenquiries@elsevier.com	www.elsevier.com
EURO	Eurospan Books	Eurospan Group 3 Henrietta Street, Covent Garden, London WC2E 8LU, United Kingdom	44 (0) 1767 604972	+44 (0)1767 601640	eurospan@turpin-distribution.com	www.eurospanbookstore.com
FOG	Fogarty	Fogarty Associates 364 London Road St Albans, Herts AL1 1EA	(+44) 01727826588		s.j.fogarty@btinternet.com	www.cardiffacuity.co.uk
FSSB	FSSB	FSSB Surgical Needles GmbH, Common Land Way 2, D 79798 Jestetten, Germany	+49 7745 927 99 0	+49 7745 92799 99	info@fssb.de	www.fssb.de
FSG	FSG Communications	FSG Communications Ltd Vine House, Fair Green Reach, Cambridge CB25 0JD United Kingdom	+44 1638 743633	+44 1638 743998	info@fsg.co.uk	www.fsg.co.uk
FUL	Fullers	Fullers Elizabeth Road, Ponswood Industrial Estate, St Leonards on Sea, East Sussex TN38 9TF	01424 426094	01424 444763	enquiries@fullersuk.com	www.fullermedical.co.uk
GEU	Geuder	Geuder AG, Hertzstrasse 4, D-69126 Heidelberg, Germany	+49 6221 3066	+49 6221 303122	sales@geuder.de	www.geuder.de
GRS	Grand Seiko	Grand Seiko Co Ltd, 12-19 Kashima Fukuyama, Hiroshima 720 0091, Japan	+81 84 952 2151		international@grandseiko.com	www.grandseiko.com
HAA	Haag Streit	Haag-Streit AG, Gartenstadtstrasse 10, CH-3098 Koniz, Switzerland	+41 31 978 0111	+41 31 978 02 82	info@haag-streit.ch	www.haag-streit.com
HAAUK	Haag Streit UK (Clement Clarke)	Edinburgh Way, Harlow, Essex CM20 2TT	+44 1279 414969	+44 1279 456305	info@haag-streit-uk.com	www.haagstreituk.com
HEA	Healthlink Worldwide	Healthlink Worldwide, 56-64 Leonard Street, London EC2A 4LT, United Kingdom	+44 20 7549 0240	+44 20 7549 0241	info@healthlink.org.uk	www.healthlink.org.uk

Ref	Supplier	Address	Tel Nos	Fax Nos	E-Mail	Web
HEI	Heine	Heine Optotechnik, Kientalstrasse 7, D-82211, Herrsching, Germany	+49 8152 380	+49 8152 38202	info@heine.com	www.heine.com
HKI	Helen Keller International	Helen Keller International 352 Park Avenue South, 12th Floor New York, NY 10010	1-212-532-0544	1-212-532-6014	info@hki.org	www.hki.org
HKSB	Hong Kong Society for the Blind – LOW VISION RESOURCE CENTRE	248 Nam Cheong Street, Shamshuipo, Kowloon, Hong Kong	+852 2778 8332	+852 2788 0040/2778 1336	enquiry@hksb.org.hk	www.hksb.org.hk
HSO	HS Optikmaschinen	Handwerkerstrasse 14, 48720 Holtwick-Rosendahl, Germany	+49 2566 4720	49 2566 4620	hsoptikmaschinen@ hotmail.com	
ICEE	ICEE	272 Umbilo Road, Durban 4001, South Africa	+27 31 202 3811	+27 31 202 3858		
ICEH	ICEH	International Resource Centre, ICEH, LSHTM, Keppel Street, London, WC1E 7HT, United Kingdom	+44 20 7958 8168	+44 20 7958 8317	icehorg@iceh.org.uk	www.iceh.org.uk
IMR	IMRES	Larserpoortweg 26, 8218 NK Lelystad, PO Box 214, 8200 AE Lelystad, The Netherlands	+31 320 29 69 69	+31 320 29 69 29	info@imres.nl	www.imres.nl
INA	Inami & Co Ltd	No 24 Hongo 3-Chome, Bunkyo-Ku, Tokyo, Japan	+81 3 3814 5916	+81 3 5684 2126	corpinfo@inami.co.jp	www.inami.co.jp
KCCO	KCCO	KCCO/Tumaini University, PO Box 2254, Moshi, Tanzania	255 27 2753547	255 27 2753598	kcco@kcco.net	www.kcco.net
KEE	Keeler	Clewer Hill Road, Windsor, Berkshire, SL4 4AA, United Kingdom	+44 1753 857177	+44 1753 827145	info@keeler.co.uk	www.keeler.co.uk
KHO	Khosla	Sudesh Building, Kennedy Bridge, Nana Chowk, Mumbai – 400007 India	+91 222387 5268	+91 222380 5269	khosla@vsnl.com	www.khoslasurgicals. com
KOW	KOWA, Japan	International Head Office, Kowa Company Ltd. 4-14, Nihonbashi-honcho 3-chome, Chuo-Ku, Tokyo 103 – 8433, Japan	81-3-5623-8059	81-3-5623-8060	life@kowa.co.jp	http://www.kowa.co.jp/ e-life/contact/index.htm
LOW	Low Vision Online				lowvisiononline-info@ unimelb.edu.au	http://www.lowvision online.unimelb.edu.au/ LVO.htm

Ref	Supplier	Address	Tel Nos	Fax Nos	E-Mail	Web
LVP	L V Prasad Eye Institute	L V Prasad Eye Institute, L V Prasad Marg, Banjara Hills, Hyderabad, 500 034, India	+91 40 3061 2345	+91 40 354 8271	postmast@lvpei.org lvpeye.stph.net	www.lvpei.org
MAN	Manesty	OYSTAR Manesty, Kitting Road, Knowsley, Merseyside L34 0HD, England	+44 (0) 151 547 8000	+44 (0) 151 547 8001	sales@oystar.manesty.com	www.oystar.manesty.com
MAS	Maschinenbau	Maschinenbau Karl Ruhl, Postfach 67, Bingerpfortenstraße 28, 65399 Kiedrich, Germany	+49 61 23 61903	+49 61 23 1520	info@ruhl-maschinenbau.de	www.ruhl-maschinenbau.de
MARC	Marco	11825 Central Park Way, Jacksonville, Florida 32224, USA	+1 904 642 9330	+1 904 642 9338		www.marco.com
MEL	Melag	Melag Medical Technology, Geneststraße 9-10, 10829 Berlin, Germany	+49 30 7579 11 0		info@melag.de	www.melag.de
MI-TEC	Mi-Tec Medical Publishing	P.O. Box 24, Camberwell, VIC 3124	03 9888 6262	N/A	orders@mitec.com.au	www.mitec.com.au
NID	Nidek Co Ltd	34-14 Maehama, Hiroishi-cho, Gamagori, Aichi 443-0038, Japan	+81 533 67 6611	+81 533 67 6610	info@nidek.co.jp	www.nidek.co.jp
OCU	OCULUS	OCULUS Optikgeraete GmbH, Muenchholzhaeuser Strasse 29, D-35582 Wetzlar, Germany	+49 (0)641 – 2005-0	+49 (0)641 – 2005-255	sales@oculus.de	www.oculus.de
OPTI	Opticon	Opticon s.r.l. Via Lirene, 60/c 40013 Castel Maggiore (BO), Italy	+39 (0)051-6321800	+39 (0)051-4177329	opticon@opticonitalia.it	www.opticon.com
OPT	OPTO	OPTO Global, Adelaide University Research Park, 35-37 Stirling Street, Thebarton 5031, Australia	+61 8 8443 4533	+61 8 8443 4535	info@optoglobal.com.au	www.optoglobal.com.au
ORB	ORBIS USA	520 8th Avenue, 11th Floor New York, NY 10018, USA	1 646 674 5500	1 646 674 5599	info@ORBIS.org	www.ORBIS.org
PHA	Pharma Aid	pharma AID Warenhandels GmbH, Lornsenstrasse 128-130, 1. OG, 22869 Schenefeld, Germany	+49 (0) 40 54 22 70	+49 (0) 40 54 22 83	info@pharma-AID.de	www.pharma-aid.de
RUD	Rudolf Medizintechnik GmbH & Co	Tuttlinger Strasse 4, D-78567 Fridlingen, Germany	+49 7463 99560	+49 7463 995656	mail@rudolf-med.com	www.rudolf-med.com
SCAN	Scan Optics	32 Stirling Street, Thebarton, SA 5031, Adelaide, Australia	+61 8 8234 9120	+61 8 8234 9417	sales@scanoptics.com.au	www.scanoptics.com.au
SW	Serag Wiessner	SERAG-WIESSNER KG Vertrieb Ausland, Zum Kugelfang 8 – 12, 95119 Naila, Germany	+49 9282 937-231	+49 9282 937-9785	susanne.blaich@serag-wiessner.de	www.serag-wiessner.de

Ref	Supplier	Address	Tel Nos	Fax Nos	E-Mail	Web
SLA	Slack Books	Slack Incorporated Professional Book Division 6900 Grove Road Thorofare, NJ 08086, USA	1-800-257-8290	1-856-853-5991	N/A	www.slackbooks.com
SON	Sonomed	Sonomed Inc, 1979 Marcus Avenue, Suite C105, Lake Success, NY 11042, USA	+1 516 354 0900	516 354 0900	info@sonomedinc.com	www.sonomedinc.com
TALC	TALC	PO Box 49, St Albans, Hertfordshire, AL1 5TX, United Kingdom	+44 1727 853869	+44 1727 846852	info@talcuk.org	www.talcuk.org
TAK	Takagi Japan	201 Nishi-Kashiwabara, Shinden, Fuji-shi, Shizuoka 417-8505, Japan	N/A	N/A	N/A	http://www.takagi.com/web2003/b02.htm
TFSL	Task Force-Sight and Life	Grenzacherstrasse 124, P O Box 2116, CH-4002 Basel, Switzerland	+41 61 688 7494	+41 61 688 1910	sight.life@dsm.com	www.sightandlife.org
TIN	Tinsley	275 King Henry's Drive, New Addington, Croydon, Surrey, CR0 0AE, United Kingdom	+44 1689 800799	+44 1689 800405	info@tinsley.co.uk	www.tinsley.co.uk
TOM	Tomey GmbH	Am Weichselgarten 19a, D-91058 Erlangen, Germany	+49 9131 77710	+49 9131 777120	knopp@tomey.de	www.tomey.de
TOP	To pcon	To pcon Corporation, 75-1 Hasunuma-cho, Itabashi-ku, Tokyo 174-8580, Japan	+81 3 3966 3141			www.to pcon.co.jp/eng
TRO	Troge	Troge Medical GmbH Milchstr. 19, 20148 Hamburg Germany	+49 40/44 18 44-0	+49 40/410 73 03	info@trogemedical.de	www.trogemedical.de
TTM	TTM	Technologie Transfer Marburg e.V. – TTM Auf der Kupferschmiede 1 35091 Cölbe, Germany	+49(0)6421/87373-0	+49 (0)6421/87373-73	ttm@ttm-Germany.de	www.ttm-Germany.de
V2020	VISION 2020	London School of Hygiene and Tropical Medicine, Keppel Street, London WC1E 7HT, United Kingdom	+44 207 927 2973			www.VISION2020.org
WAT	Waterstones	71-74 North Street, Brighton, East Sussex, BN1 1ZA, United Kingdom	+44 1273 206017	+44 1273 205616	manager@brighton.waterstones.co.uk	www.waterstones.co.uk
WHO	World Health Organization	Avenue Appia 20, 1211 Geneva 27, Switzerland	+41 22 791 2111	+41 22 791 3111	info@who.int	www.who.int
ZEI	Zeiss	Carl Zeiss Meditec AG, Goschitzer Strasse 51-52, 07745 Jena, Germany	+49 36 41 220 687	+49 36 41 220 751	info@mediteczeiss.com	www.zeiss.de



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