

Specialists in Paediatric Vision Testing





www.kaypictures.com

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Examinations made fun **Vision testing** made easy

About us

Over 35 years we have used our industry expertise to provide the best and most reliable orthoptic products, so eye professionals can test and treat children's vision with confidence.

The Gold Standard picture vision test for pre-literate children

Our business was founded in 1984 by orthoptist Hazel Kay when she researched and developed a new paediatric vision testing system using recognisable optotype pictures to enable earlier visual acuity measurements of very young children and those with learning disabilities.

The Kay Picture Test is the only fully researched and validated picture visual acuity test that provides consistent, subjective visual acuity earlier than letter and symbol tests.

Early testing and intervention will prevent avoidable vision loss

We make the difference by providing tests to engage with babies and children in a professional and fun way. Successful eye examinations rely on cooperation from the child, so our scientifically and clinically validated vision tests and accessories have been developed to make testing quick and easy.

Using our age-appropriate vison tests will ensure that the child's interest, attention, and understanding are maintained throughout testing.

Kay Pictures' product range is used by over 100 NHS Trusts in the UK as well as eye care professionals, school nurses, health visitors, teachers of the visually impaired and paediatricians worldwide.

How to order

All products listed in this brochure can be purchased online at **www.kaypictures.com**

NHS and State Education official purchase orders are automatically accepted for account invoicing.

We also accept written orders by email or fax; please see our contact details below. Orders from new and international customers will need to be paid in advance. Existing customers who order regularly will be set up with a 30-day account. Shipping charges apply to all orders. There is a minimum shipping charge of £6 for UK orders. When purchasing online, the shipping costs are displayed at checkout. International customers are advised to check with their local customs authority prior to placing an order whether there will be any additional duties or charges payable.

For more details, please visit: www.kaypictures.co.uk/buying-from-us

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Vision Testing

Our research

The Kay Picture Test is the only fully researched and validated picture visual acuity test that provides consistent, subjective visual acuity earlier than letter and symbol tests.

In a comprehensive research study carried out by Liverpool University Directorate of Orthoptics and Vision Science and a number of clinical orthoptic departments across the UK and The Retina Foundation of the Southwest, USA, the Kay Picture Test was shown to be valid and repeatable within the limits of current gold standards with high testability.^{1,2}

Recent normative data collected for the redesigned Kay Picture Visual Acuity Test shows that those tested with the Kay Picture Test in comparison to previously published norms of HOTV and Lea Symbols, have more consistent mean visual acuity scores across all ages and less variability in acuities (numerically lower standard deviations).³

1. O'Connor AR Kay H, Thomson D, Newsham D. Redesigning the Kay Picture Test for Children. Invest Ophthalmol Vis Sci April 2010 Volume 51, Issue 13.

2. http://doi.org/10.22599/bioj.97

3. O'Connor AR, Kay H, Milling A. Normative data for the redesigned Kay Picture visual acuity test Jaapos 2020.05.003





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Vision Testing

Click here for an overview of our Kay Picture Tests



Kay Picture Test Linear Crowded Book

Linear picture acuity test with distance LogMAR sizing at three metres from 0.70 to -0.20, plus near testing and matching card. The pictures are presented in a row of five boxes to provide consistent crowding. There are four different arrangements of the picture optotypes at each acuity size. Suitable for naming and matching. Age 30 months+.

Order code: KPTLINEAR

Kay Picture Test Single Crowded Book

Single Crowded picture acuity test with comprehensive distance LogMAR sizing at three metres from 1.00 to -0.10, plus near testing and matching card. Six picture optotypes are presented in a crowding box with a choice of four different optotypes at each acuity level. Suitable for naming and matching.

Age 18 months+.

Order code: KPTSINGLE





Kay Picture Test Matching Card

Double-sided matching card for use with all picture vision test books and charts plus our iSight Test Pro app and licensed digital vision testing software.

Order code: KPTKC

Kay Picture Test Screening Chart

Double-sided distance chart for vision testing at school entry, GP practice, or other screening environment without the child needing to know capital letters. Very quick and easy test process with single and line presentation. Age 4+.

Order code: KPTCHART3M





Kay Picture Test Screening Book

Compact A5 size book containing an abridged single crowded and linear crowded picture vision testing option for vision screening. Comprises distance LogMAR sizing from 0.80 to -0.10 at three metres, plus matching card.

Suitable for naming and matching. Age 18 months+. Order code: KPTSCREEN



Kay Picture Test Low Vision Book

The Low Vision Test is specifically targeted at testing those with reduced vision. It has single, uncrowded picture presentation in fourteen LogMAR sizes, which at three metres is from 1.3 to 0.0, plus a near vision test and matching card. Age 18 months+.

Order code: KPTLOW



Recognition Booklet

Our DIY Kay Picture Test recognition booklet provides a fun way for a child to learn the Kay Picture optotypes prior to testing to improve their familiarity and confidence with the pictures. The booklets are made from a single A4 sheet which is folded into a six-page book showing each optotype and a coloured drawing. Making and colouring the booklet is all part of the fun! Pack of 100 sheets.

Order code: KPTR100

Kay Picture Test Near Vision Test Cards

Laminated cards for near vision testing, as found in our near and distance book sets.

Kay Picture Test Crowded Near Test Card

Comprises crowded single and linear pictures for testing near vision at 33cm distance. There is a different arrangement of pictures on each side of the card to test each eye. Matt laminated. A5 double-sided.

Order code: KPTN4



Kay Picture Test Uncrowded Near Test Card

Comprises uncrowded pictures from 1.3 to 0.0 LogMAR (6/120 to 6/6 Snellen equivalent) at 33cm testing distance. Matt laminated. A4 double-sided.

Order code: KPTN5



Vision Testing

Kay Letter Test

Linear letter acuity test comprising six of the Sloan letters used in the ETDRS study and regarded as the International Standard. It contains comprehensive LogMAR sizing at three metres from sizes 1.00 to -0.20, plus near testing with LogMAR letters and high frequency words. Snellen equivalent sizes in metres and feet are also given.

Order code: KLTND





Kay Letter Test Matching Card

For use with the Kay Letter Test and iSight Pro app. This matching card is A5-sized and fully encapsulated. An uncrowded arrangement of the six Sloan letters is printed on one side. We recommend it is shown to the child before testing to give them confidence in naming the letters or to practice matching, if required.

Order code: KLTMC

Kay Letter Test Near Test Card

Comprises reduced size LogMAR letters from 1.0 to -0.1 (6/60 to 6/4.75) at 33 cm, and high frequency words text from N48 to N5 sizes for young readers. Matt laminated. A5, double-sided.

Order code: KPTN1

but can like big and	N48
day see cat his dad for his	N36
is my day and the mum for to dog	N28
big see cat for like but his up not went	N24
get can dog my look see up went cat on dad come to	N18
car dad his daylook mum and big can like day for not go his bed	N24
for day like to his see bed and dag went but dad on day cat look not to	N12
had got look for not dad big dag see put cat on his house for my look see big but	N10
up for can cat play look on hed but and dad for day his net see dag my get look	NB
see for my and day to day like like up out not	Nő
ar its sector for one op dap and or by	NS

At 33 cm Equivalent to: LogMar	NEAR TEST CARD		At 33 cm Equivalent to: Seelen
1.0	HVRN	RNVC	7 (** (**)
0.9	UHDP	PHCR	$\gamma_{m}\left(\gamma_{m}\right)$
0.8	RNVC	ORPN	Ye (*5a)
0.7	NPDU	VDUH	1/m (**X-a)
0.5	PNRD	HRVO	"In ("In)
0.5	L DR H	1748	17.e (*17.e)
0.4	8100	1994	75a (**5a)
0.3	(111)	[mil]	"fa ("fa)
0.2 0.1 0.0 -0.1	1020 004 103	2000 000 000	74x (75a) 74x (75a) 76. (75a) 76a(75a)



Miraflex Infant Trial Frame

These Miraflex children's trial frames are flexible and safe, with lens holders for up to three standard 38 mm lenses and an astigmatism axis control dial.

Light and comfortable, with an adjustable elastic band to keep the frames well-centred on the child's face.

Order codes:

Interpupillary distance 55mm, blue frame: TRF1 Interpupillary distance 57mm, red frame: TRF2



3 Metre Tape Measures

Ideal for measuring correct vision testing distances as well as many other test measurements. Made from soft, strong PVC-coated fibreglass with metal ends. It is 1.7cm wide, safe to handle and washable. Double-sided, showing either centimetres or inches with a black and white colour scheme which makes them easy to read.

Order codes:

Pack of 5: TAPE5 Pack of 10: TAPE10

Vision Testing

HKN

КОНУ

VKHDO

NOKVD

ΟΗΟΝν ΟΝΗΚΝ

KONVH VKNHD

Kay Acrylic LogMAR Vision Screening Charts with optional LED Illuminated Box

LED Illuminated Box

Lightweight LED illuminated box holding a single vision testing acrylic panel with spotlight below the panel. Manual side switch to select illuminated sections. 12V medical power plug and 2m lead. It is white, can be wall-hung or stood on its feet. The LED strips should last for 30-50k hours. Choose optional carry handle or wall bracket.

 Large box with carry handle: 52.5cm x 21cm x 5.2cm
 Large box with wall bracket: 52.5cm x 21cm x 18cm
 Compatible Kay Charts: KE3MPIC KE3MLET- HN

Small box with carry handle:
Small box with wall bracket:
Compatible Kay Chart:

KE3MPIC KE3MLET- HN KE3MLET- KH KE3MLET- KHMIRR

37.7cm x 15.7cm x 5.2cm 37.7cm x 15.7cm x 18cm KES3MLET-VHK



Stability



Box with Wall Bracket



Kay Picture Test 3 Metre Acrylic LogMAR Chart

Translucent LogMAR picture chart measuring visual acuity from 0.80 to -0.10 (Snellen 3/19 – 3/2.4). Two vertical columns allow each eye to be tested with a different selection of optotypes. The central row of four pictures can be scored to provide a crowded acuity measurement per optotype.

Chart dimensions: 47.8cm x 20.4cm x 0.2cm

Order codes: Chart: KE3MPIC Chart & Light Box: EVBOX1-PIC Chart & Light Box with Handle: EVBOX1H-PIC Chart & Light Box with Wall Bracket: EVBOX1WB-PIC



Single Acrylic Chart

Chart in Box

The six Sloan letters have been carefully chosen to provide similar legibility with the need to differentiate similar shapes, also giving the option to use a matching card if required.

Kay Letter Test 3 Metre Acrylic LogMAR Chart - HN 🔴

Translucent chart with six Sloan letter optotypes from 1.0 to -0.2 LogMAR (3/30 to 3/1.9 Snellen). Sizes 0.6 to -0.2 have 5 letters per line, giving the option to assign a LogMAR score to each letter for best repeatability. Snellen equivalent sizes are in 3m format but can be converted to a 6m notation.

Chart dimensions: 47.8cm x 20.4cm x 0.2cm

Order codes: Chart: KE3MLET-HN

Chart & Light Box: EVBOX1-LET-HN

Chart & Light Box with Handle: EVBOX1H-LET-HN Chart & Light Box with Wall Bracket: EVBOX1WB-LET-HN





Kay Letter Test 6 Metre Acrylic LogMAR Chart - KH 🛑

Translucent chart with six Sloan letter optotypes from 0.8 to -0.2 LogMAR (6/38 to 6/3.8 Snellen). Sizes 0.3 to -0.2 have 5 letters per line, giving the option to assign a LogMAR score to each letter for best repeatability. The scores are specific for a 6m test distance. Adjust scores if using at a different distance.

Chart dimensions: 47.8cm x 20.4cm x 0.2cm

Order codes: Chart: KE6MLET-KH

Chart & Light Box: EVBOX1-LET-KH

Chart & Light Box with Handle: EVBOX1H-LET-KH

Chart & Light Box with Wall Bracket: EVBOX1WB-LET-KH

Kay Letter Test 6 Metre Acrylic Mirrored LogMAR Chart - KHMIRR 🔴

Translucent chart with six mirrored Sloan letter optotypes from 0.8 to -0.2 LogMAR (6/38 to 6/3.8 Snellen). Reversed letters to be used with a mirror placed at 3m with 6m test distance. Sizes 0.3 to -0.2 have 5 letters per line, giving the option to assign a LogMAR score to each letter for best repeatability. Adjust scores if placing mirror at a different distance.

Chart dimensions: 47.8cm x 20.4cm x 0.2cm

Order codes: Chart: KE6MLET-KHMIRR

Chart & Light Box: EVBOX1-LET-KHMIRR

Chart & Light Box with Handle: EVBOX1H-LET-KHMIRR

Chart & Light Box with Wall Bracket: EVBOX1WB-LET-KHMIRR





NHKN



Kay Letter Test 3 metre LogMAR Chart νнк KND OHVN HKDOV ONHVK VKHDO NOKVD DHONV ^{ONHKN} .

Kay Letter Test 3 Metre Acrylic LogMAR Chart - VHK

Translucent chart with six Sloan letter optotypes from 0.8 to -0.2 LogMAR (3/19 to 3/1.9 Snellen). Sizes 0.5 to -0.2 have 5 letters per line, giving the option to assign a LogMAR score to each letter for best repeatability. Snellen sizes are written in the 3m format and can be converted to 6m notation.

Chart dimensions: 31.5cm x 15.2cm x 0.2cm

Order codes: Chart: KES3MLET-VHK

- Chart & Light Box: EVBOX1S-LET-VHK
- Chart & Light Box with Handle: EVBOX1SH-LET-VHK

Chart & Light Box with Wall Bracket: EVBOX1SWB-LET-VHK

Vision Testing





Cardiff Acuity Tests

Preferential looking and vanishing optotypes test to measure the vision of pre-verbal babies and toddlers from about 10 months old, and those with a learning disability and language impairment.

We are the licenced supplier of the Cardiff Acuity Tests. The following options are available:

Standard Test: CATST Low Vision Test: CATLV Contrast Sensitivity Test: CATCS Screening Test: CATSCREEN Reduced Test: CATRED Low Vision Add-on: CATADD Minimal Test: CATMINI Replacement Box: CATBOX Replacement Box with Dividers: CATBOXDIV Grating Acuity Cards

Teller-type gratings preferential looking test provides a visual acuity assessment from as young as six weeks. It comprises 17 Log-scaled acuity cards plus one blank card, each with a central peep hole for observing the eve movements.

These acuity cards provide a rapid method of determining the visual acuity of infants and young children and can also be used to test stroke victims. The test cards can be purchased in three options. For full information on sizes, see our website.

Order codes:

Infant Grating Test (7 test cards plus blank) GRAINF Child Grating Test (10 test cards) GRACHI

Combined Grating Test (17 test cards plus blank) GRACOM



HRR Colour Vision Test

Diagnoses congenital and acquired colour deficiencies using simple shapes. Comprises a 6 plate screening section plus 14 detailed diagnostic plates to determine the type and extent of colour deficiency. Matching card included and available separately.

Matt laminated. Age 3+.

Order codes: Test book & matching card: HRRP Matching card only: HRRMC

CVTME Colour Vision Test

Paediatric gold standard for identifying genetic (red/ green) colour vision deficiencies in children as young as 3 years. It consists of one demonstration plate and 9 test plates displaying circle, star, and/or square. The test also provides a quick screening by using 4 cards that have a car, dog, boat, and house. 100% Ishihara compatible.

Order code: CVTME



NEW UPDATE

Kay iSight Test Professional

The Kay iSight Test Professional app lets you measure and record near and distant visual acuity in children from 18 months of age through to adults. It is simple and intuitive to use, making your testing guick and easy.

A new feature for the iPad is Remote Video Testing. It's a simple way to test vision remotely. Use your iSight Pro iPad app shared through a video conferencing app at your desk to test anywhere in the world.

The app uses international standard letters and Kay Picture optotypes for young children and others with a learning disability. In addition, near reading text is provided as short paragraphs or single, high frequency words. There is also a point of light fixation target plus 4 animated images and two static scenes.

Using a suitable Bluetooth mouse, the app can be operated remotely to test at distance.

This app is registered and CE marked as a medical device with the MHRA.



Features:

- Share (iPad only) to another device for remote vision testing
- Various testing distances from 33cm to 6 metres
- Choice of letters or pictures for testing a range of abilities
- Displays LogMAR notation, metric, imperial Snellen, or Decimal
- Records and saves visual acuity results for each eye
- Offers various single, crowded and chart presentations
- Reading text in 12 sizes from N48 to N5
- Sentences of exactly 50 words to facilitate reading speed testing
- Lock screen on reading pages
- Easy to increase and decrease size displayed
- Refresh optotypes or text on screen
- Coloured, animated fixation targets to maintain interest and accommodation

The FREE setting provides a distance, letter test and new subscribers have a one-month free trial to test all the additional features. You can cancel the subscription at any time during the introductory free period and pay nothing. If you wish to use the app after that, payment will be taken by iTunes.

Watch a short summary of the app's main features here











Kay Say & Match

The FREE* interactive app for familiarisation with the Kay Picture optotypes.

The Kay Say and Match app provides a fun way to help very young children to practise and learn the Kay Picture optotypes prior to having an eye test at home.

There are four games in the Kay Say and Match app, three of which are free to download and use on an iPad or iPhone. The fourth game is a talking matching card which is an inapp purchase.



The **Name** game teaches the names and sounds of the six Kay Picture optotypes. Knowing the pictures and names will give the child confidence to perform a professional vision test earlier than otherwise.



The **Practice** game simulates the key aspects of a vision test, where the picture to be matched is shown separately, remembered, then matched.



The **Match** games help children to learn the concept of matching the same picture, which may be useful during a vision test if the child is shy or non-verbal.



The **Test** game is an in-app purchase and provides a speaking matching card to be used during a professional vision test. This is particularly helpful for children with additional needs, such as autism.

* Includes in-app purchases.

Apps



NEW UPDATE



Available on the App Store

Kay Amblyopia Tracker

The Kay Amblyopia Tracker allows eye professionals to give their patients a way to monitor changes in their child's vision at home between clinic appointments.

NEW

The app provides an easy, automated test process for parents to follow. Results are stored safely only on their phone and displayed in a simple chart that can be shared with their eye professional by email. The app's results chart gives feedback on the positive effect of amblyopia treatment, vision monitoring or during refractive adaptation.

Vision is measured with accurate letter or picture optotypes, but with a different method from a clinical test, thus ensuring that parents understand the role of the app is monitoring changes, not replacing their clinical care.

Regular home testing aims to motivate patients by encouraging active involvement in their treatment. It can reassure concerned parents, alert to possible issues between appointments, or even reduce the frequency of some followup clinical appointments.

The app is free to download on both Android and iOS smartphones, then is activated by a code provided by the eye professional, ensuring that home testing is part of ongoing eye care.

The Kay Amblyopia Tracker has been through a full NHS ethical research project and has a peer-reviewed study published that validates the testing method. *Available here.*









FREE TRIAL

Are you an eye professional interested in offering our Amblyopia Tracker app to your patients?

A FREE TRIAL for your patient to use the Kay Amblyopia Tracker app is now available! Get in touch

CLICK HERE

to receive further information.

Contrast Sensitivity



Mayer-Kran[™] Double-Happy[™] Low Contrast Test

Cards with a schematic smiling face offset from the centre and identical when rotated 180°. Contrasts range from nearly black (89%) to very dim (2.2%). The face contrast values are converted into log contrast sensitivity.

The Screening Test includes 6 cards (0.05 -1.65 log CS) and the full test has 16 cards (0.05 - 2.1 log CS, one blank card).

Order codes: Screening Test: PV2012-6 Full Test: PV2012-16

SpotChecks[™]

Single use tests for patients for self-testing by marking each contrast target they see. Testing is intuitive, only takes 2-3 minutes, and scoring the results is very easy. The test sheet becomes a record for the patient file. The Introductory Set includes 20 sheets (5 sets of tests A-D, 1 recording form) and the Full Set has 120 sheets (10 sets of tests A-L, 12 recording forms).

84.0		87.98		LES Lats
0	0		0	0.
				- 0

Order codes: Introductory Set: PV5031-KitA-D Full Set: PV5031-KitA-L



Pelli-Robson Traditional Contrast Sensitivity Charts

Pair or individual charts for use at 1m testing distance with Sloan letter optotypes. Letter sequences are organised in groups of three with two triplets per line. Within each triplet, all letters have the same contrast. The contrast decreases from one triplet to the next. May be wall or easel mounted.

Order codes: Charts 1 & 2 (HSZ and VRS): PV5014 Chart 3 (SDN): PV5014-3 Chart 4 (NSD): PV5014-4



Pelli-Robson Trans-Illuminated Contrast Sensitivity Charts

These Sloan letter charts cover $\frac{3}{4}$ of the original contrast range. The Low Vision Charts use the upper 12 contrast levels (0 - 1.65 Log CS). The charts for Peak Contrast Sensitivity use the lower 12 contrast levels (0.6 - 2.25 Log CS). The A and B versions show different letter sets to minimise memorisation.

Trans-illumination has the advantage of uniform fixed illumination. Suitable for the ETDRS Illuminator Cabinet[™] (63cm x 65.5cm x 17.8cm).

Order codes:

I ow Vision Full Set (A & B): PV5016 Chart A: PV5016A Chart B: PV5016B

Peak Vision Full Set (A & B): PV5017 Chart A: PV5017A Chart B: PV5017B



Pelli-Robson Near Contrast Sensitivity Charts

Set of 3 Sloan charts with mixed optotypes to avoid memorisation. The charts should be wall mounted at 40cm testing distance. Includes a durable case for safe storage.

Order code: PV5013

Pelli-Robson **Trans-Illuminated Near Contrast Sensitivity Chart**

Single Sloan letter chart for use in a small LED illuminator cabinet (26.5cm x 36.5cm x 3cm).

Order code: PV5013-Trans



Our carefully designed range of occluding glasses and patches make uniocular vision testing quick, easy and fun at all ages.



Infant





Junior

Occluding Patches with Wallet

Set of five reusable occlusion patches for vision testing in a rigid vinyl wallet. The patches cling to the spectacle lens to obscure one eye and are easily removed, leaving no residue. The choice of patterns helps encourage a nervous child to agree to uniocular testing and makes the process more fun. It is also preferable to a sticky patch. Simply wipe with a damp cloth as necessary and return to the wallet. Four patches measure 6.5cm, the fifth patch is smaller in size and ideal for use on very small glasses lenses that don't provide enough area to cling to. **Order codes:**

Infant (Smiley, Flower, Skull, 2x Plain) OPCHI Junior (Swirl, Dots, Stars, 2x Plain) OPCHJ



Large Occluding Glasses

Large glasses with one occluded lens for vision testing. Set of two pairs, navy and brown colour. They measure 14.5cm (5.7 inches) across the inside of the frame. Age range approx 8 years - adult.

Order code: GLSL



Regular Occluding Glasses

Robust plastic glasses for uniocular vision testing. Set of two pairs, neon orange and green in colour. They measure 11.5cm (4.5 inches) across the inside of the frame. Age range approx 4-8 years.

Order code: GLSR



Junior Occluding Glasses

Robust plastic glasses for uniocular vision testing. Comprises one pair with sunflower flip-up lenses to occlude each eye in turn.

They measure 10.5cm (4.1 inches) across the inside of the frame. Age range approx 3-5 years.

Order code: GLSJ



Infant Occluding Glasses

Robust plastic glasses for uniocular vision testing. Set of two pairs.

They measure 10cm (4 inches) across the inside of the frame. Age range approx 3 years or younger. Order code: GLSI



Spielmann Translucent Occluder

This occluder provides total form occlusion during the cover test yet allows the observer to see the position of the eye behind the occluder. During vision testing, this opaque occluder can be useful in achieving the best visual acuity from someone with manifest or latent nystagmus.

Metric and inch measurements are provided on one side of the handle, pupil gauge on the other.

Order code SPIELTRANS



Romanes Occluder

Used for the assessment of visual acuity and the cover test. One side of the handle has a millimetre scale for inter-pupillary distance measurement and for numerical measurement of ptosis. The other side incorporates a white dot for use as a scotometry target or fixation point.

Order code: OCCLROM



Lorgnette Occluder

Multi-purpose occluder that can be used to cover either eye. It is also ideal to quickly introduce a multihole pinhole to the uncovered eye.

The multiple pinhole attachment has a cluster of 15 holes. It pivots down in front of the eye to allow quick access to a pinhole view.

Order code: OCCLORGN

Occluders

These hand-held occluders are made of tough plastic that will not break or shatter. They are moulded into a smooth, rounded shape to fit comfortably over the eye, with no sharp edges. Their cups measure 6cm in diameter each and the handles are 15cm in length.



Black occluder with long handle. Order code: OCCLBL Multi pinhole occluder with long handle
Order code: OCCLPIN

Orthoptic Tests



Adjustable Flipper Lenses

Binocular, spherical plus/minus lenses with a sliding scale to adapt to a person's inter-pupillary distance. The frame will adjust between 4.25cm and 8.5cm to match a large range of inter-pupillary distances.

Order codes:

±1.00 DS: FL1 ±1.50 DS: FL1.5 ±2.00 DS: FL2 ±3.00 DS: FL3



Flipper Lenses

Plus and minus flipper lenses in five standard sizes used for the diagnosis and treatment of accommodative defects.

Order codes:

± 1.00 DS: FL1A ±0.50 DS: FL10 ±2.00 DS: FL1C ±1.50 DS: FL1B ±3.00 DS: FL1E +2.00/-4.00 DS: FL1D

Other sizes may be available on request.

Unglazed Flippers

Pack of 10 plastic flipper frames in assorted colours. Order code: FLU



Dominant Eye Test Box

Simplifies the process of determining the patient's dominant eye. Very quick and easy for children to understand. Made from wipe-clean plastic. Provided in easy to assemble flat pack with full testing instructions.

0

Order code: DET

Near Point Dot/ Letter Cards

Double-sided cards for measuring the near point of convergence (dots) and of accommodation (letters), and for home exercises. Full user and patient instructions included.

Pack of 50.

Order code: NPD50





Kay Accommodative Rock Charts

Used as an exercise to improve accommodative flexibility and accuracy. Also of use in treating those with specific literacy difficulties. Two sorts, one with letters/numbers and one with pictures. Comprises laminated near and distance cards and full instructions for use. Available in packs of 5 or 50.

Order codes:

Pack of 5 Letters/numbers: KARL Pictures: KARP 10 Packs of 5 each Letters/numbers: KARLX10 Pictures: KARPX10

Dinosaur Vision Therapy Cards

These transparent plastic cards have been designed to help with home training of monocular and binocular vision skills.

The multi-purpose card has three grades of stereogram and exercises for convergence, jump versions, focusing, fixation, saccades and directionality.

The cards are available in packs of ten with one comprehensive instruction booklet included.

Order code: DC10



Orthoptic Tests

Stick Prism

Individual stick prism mounted on a metal handle for easier use. Holding the stick, rather than the prism itself, keeps the prism free of finger marks and your hand away from the face when testing.

Four sizes available: 4, 10, 15 and 20 Diopter.

Order codes: 4D: PRISM4D 10D: PRISM10D 15D: PRISM15D 20D: PRISM20D



Frisby Stereo Tests

Frisby Stereo Tests measure a wide range of stereo acuity in true 3D, without the need for dissociating glasses. The test's simple concept means that infants as young as 8 months can understand and comply with looking or reaching for the target. Stereo vision can be diagnosed even when acuity is poor.





Complete 3 Plate Test Order codes: Complete Test: FRIS Replacement Box: FRISBOX

Lang Stereo Tests

Measures stereo acuity easily in children from 30 months and adults without the need for dissociating glasses. Three levels of stereo acuity on one handy card. Two options to test different levels of stereo acuity.

Measures from 1200 to 400 seconds of arc Order code: LANG1-R

Measures from 600 to 200 seconds of arc

Order code: LANG2





Order codes: 6mm plate: FRISP 6mm & 3mm plate: FRISPS2

Pocket Test

Lang Stereopad

Double-sided A5 test panel with magnetic test cards for the assessment of stereopsis. The test does not require specific glasses and is highly sensitive for global stereopsis. It has no monocular clues and is ideal for preferential looking testing of infants and preverbal children. Order code: LANGPAD

For full product information and prices visit: www.kaypictures.com



Kay Fun Patch is our trusted brand of high-quality, medical fabric eye patches made entirely in the UK

- Soft, cushioned & breathable
- Certified & hypoallergenic materials
- Reusable & hand washable
- Individually sewn
- Cost effective
- Environmentally friendly

INNER LAYER 100% COTTON

Kay Fun Patches

Fabric occlusion patches fitting most sizes and styles of glasses and available in a wonderful range of colourful designs. Packs of 10, 50 or more. Assorted designs, all boys, all girls.

Order codes:

10 assorted: KFPCH10E 10 girls: KFPCH10EG 10 boys: KFPCH10EB 50 assorted: KFPCH50E 50 girls: KFPCH50EG 50 boys: KFPCH50EB



Baby Fun Patches

Smaller-sized fabric patches with additional elastic

fixation on the glasses arm, especially designed for infants. They measure 10.5cm x 5cm and are available in packs of 10 assorted plain colours or packs of 10 assorted patterned designs.





Order code: **BFPCH10**

Plain Fun Patches

These plain coloured patches are more economical to buy yet made with the same care and attention to quality as all our patches. Pack of 10 assorted colours including coral, pale pink, navy, almond and sand.

Order code: **KFPCH10EPL**



Pirate Fun Patches

Black fabric patches with red or blue sparkling pirate skull and crossbones motifs or neon pink and glow in the dark. Packs of 10 each (5 right, 5left).



Glow in the Dark Order code: PFPCH10GLOW



Blue Sparkle Order code: PFPCH10BLUSP



Neon Pink Order code: PFPCH10NEOP



Red Sparkle Order code: PFPCH10REDSP



Junior Eye Patches

Eye patches for children without glasses, made entirely from reusable, washable fabric. Suitable to wear over the right or left eye. Assorted, colourful designs for girls and boys. Order codes:

- 10 pack girls designs: EPCH10JG
- 10 pack boys designs: EPCH10JB
- 10 pack assorted designs: EPCH10J





Occlusion Therapy



Adult glasses patches with elastic, suitable for all spectacle frames, with or without separate nose pieces, and available in two sizes in assorted, discrete colours.

Plain Black Adult Glasses Patches

Pack of 10 plain black adult glasses patches, available in regular and large. Order codes:

Regular: AGPCHR10BLK Large: AGPCHL10BLK







Patterned Adult Eye Patches

Pack of 10 assorted, regularsized adult eye patches with stylish patterns.

Order code: EPCH10APAT



Order codes:

Order codes:

Regular 10 pack: AGPCHR10E

Regular 50 pack: AGPCHR50E

Large 10 pack: AGPCHL10E

Large 50 pack: AGPCHL50E

Regular

10 pack assorted colours: EPCH10A

50 pack assorted colours: EPCH50A

Small

10 pack assorted colours EPCH10ASM

Kay Magic Patches

These inconspicuous, adhesive patches for glasses obscure all form to the wearer yet leave the eye behind visible. They are suitable for amblyopia and intractable diplopia treatment and are easily removed from the lens. 12 patches are provided in a rigid, vinyl wallet. Replacement refill packs of 12 patches are also available. Each patch is 8cm x 6.5cm in size.

Pack contains 12 large patches.

Order code: 12 patches in a vinyl wallet: KMPCHWAL Refill: KMPCH





Fixation Tools & Accessories



Animated Pictures Stick

Double-sided plastic fixation sticks ideal for keeping a child's attention during assessments.

Each stick has animated pictures on one side and reduced LogMAR letters on the reverse. FS1B and FS1C also show reduced LogMAR size Kay optotypes to help maintain constant accommodation during testing.

Order code: Winking Eye: FS1A Monkey / Frog: FS1B Monster / Butterfly: FS1C





Junior Fixation Sticks

Double-sided plastic fixation sticks ideal for keeping a child's attention during assessments.

Junior designs. Bold colourful pictures with lots of detail. Underneath the pictures are rows of N5 size upper- and lower-case letters to read, plus one row of N8 size.

Order code: FS3B

Infant designs. Bold colourful pictures with lots of detail, plus

letters and Kay Picture optotypes.

Double-sided plastic fixation sticks

ideal for keeping a child's attention

Infant Fixation Sticks

Order code: FS3A

during assessments.

Fixation Tools & Accessories



Lang Fixation Cube

The Lang Fixation Cubes have a different picture on each of the five sides of the cube. The simple pictures are bold and colourful, ideal to attract the attention of young children during vision testing.



Order code: CUBEW



Plain Fixation Sticks Pack

Pack of 5 plain white PVC plastic sticks to add your own fixation targets. Wipe clean and reusable.

Order code: FS5PLAIN

Pen Torches

Medical pen torches and attachable finger monsters or unicorns in assorted colours. Replaceable batteries.

Available individually or in packs of five.

Order codes:

Unicorns Single: PENT1U Pack of 5: PENT5U Monsters Single: PENT1M Pack of 5: PENT5M



Mini Disco Ball

Hand-held, array of flashing, coloured lights with three speed settings at the press of a button. The changing, colourful patterns provide a silent, interesting fixation target. Yellow or blue with three AAA batteries included.

Order codes:

Single: DISCO Pack of 10: DISCO10

Torches with Sound

Choose from various packs of three assorted torches with sounds and a light. They are great to attract the attention of young children during testing. The light will reveal corneal reflections and the sound will keep the child interested for tests such as ocular motility. Button batteries included.

Order codes: TA3A, TA3B, TA3C, TA3D

Spinning Lights

Hand-held colourful spinning lights with changing pattern to maintain fixation and interest. Useful when testing infants and young children.

Three AAA batteries included. **Order codes:**

Single: SPIN Pack of 10: SPIN10







Amblyopia Activity Book: 'Hoppity Frog Has Two Clever Eyes'

Story, colouring and activity book designed for children who are having treatment for amblyopia. The rhyming story is an account of having an eye test and getting glasses and an eye patch, designed to help children to understand their patching treatment in a simple, fun way.

Order codes: 10 pack: HOPP10

50 pack: HOPP50



Patching Calendar

Four-week calendar and sticker packs to help with patching. The calendar has windows to open that reveal a picture and positive message. Encourages patching by association with adventurous, difficult tasks, like climbing a mountain.

Order codes: 10 pack: CALEN10

50 pack: CALEN50



Toy Glasses

Realistic toy glasses in pink and blue to aid glasses compliance through play. Packs of 10 or 50 (equal mix of blue and pink).

Order codes:

10 pack: TOYGLS10 50 pack: TOYGLS50

Jungle Charts for Patches and Glasses

These charts help children remember to wear their patch or glasses and take pride in their success. Drawing a smile on a different animal each day gives the child a visible, positive record of their ongoing achievement over four weeks.





Order codes:

Jungle Patch Chart 100 pack: JPC100 500 pack: JPC500

Jungle Glasses Chart 100 pack: JGC100 500 pack: JGC500



Jungle Certificate

Reward a child for their effort and achievement with these fabulous certificates. Simply insert the child's name and add what big or small success they've achieved. Pack of 100 or 500.

Order codes: 100 pack: JCERT100 500 pack: JCERT500

Wedgees Glasses Retainers

Keep glasses from slipping and cushion behind the ear to improve comfort for spectacle wearers of all ages. Especially useful during sports.

Packs of 5 pairs available in three colours: pink, grey and black.

Order codes: Pink: WEDG5P

Grev: WEDG5G Black: WEDG5B



Reward Stickers



Reward Stickers

Large, 42mm diameter, shiny stickers will please and reward any child. Use as an incentive for the child to complete a task, or as a simple reward.

Order codes for rolls of 500 stickers with the same design: **S500 (+ ref code)**







BRL







AWA



BEY



STA



EYE



YHO



BEE

Assorted Stickers

Sheets of 24 colourful reward stickers with many different pictures and messages to suit any child. They are 40cm in diameter and come in a pack of 20 sheets (480 stickers).





Bravery and Behaviour Stickers Order code: Pack of 480: SB480



Optician and Eye Stickers Order code: Pack of 480: SO480







Orthoptist and Eye Stickers Order code: Pack of 480: SE480

Fun Picture Search

Our **FREE** Fun Picture Searches are available as a resource to give to your patients undergoing patching treatment. Visit **www.kaypictures.co.uk/fun-picture-search**



FREE POSTERS

Brighten up your practice, waiting room or department with our selection of informative, colourful, and engaging posters. Contact us for printed A3 copies or visit our resources page for FREE, printable, A4-sized downloads.



Eye Spy Test

What is it that tells you how well your child sees? Is it spying a bird as it flies through the trees? Is it spotting a faraway ship on the seas? Is it picking up fluff or tiny sweeties? Is if pointing at planes or counting dog fleas? No, a proper sight test is much better than these, And a full eye assessment requires expertise. We use pictures and lights to make tests seem a breeze so you don't have to wait till they learn ABCs. Your child's eyes are **precious**, look after them please.





We can test your child's eyes sooner than you might think!



For our full product range and further information please visit: www.kaypictures.com www.kayfunpatch.com



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