

Specialists
in Paediatric
Vision
Testing







www.kaypictures.com

# **About us**

For 40 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. Hazel 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 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



# 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 - 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 £6.50 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.com/buying-from-us

# **Contact us**

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**Connect with Hazel** in







# 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.<sup>1,2</sup>

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).<sup>3</sup>

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

luct information and prices visit: www.kaypictures.com



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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 VA. LogMAR 0.8 to -0.1 (\*/10 15 \*/10) Kay Fiction Test Fig. Fiction Test Washing Card The Company of the

# **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



# **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 m	num for to dog	N28
big see cat for like but	his up not went	N24
get can dog my look see up we	nt cat on dad come to	NIS.
car dad his daylook mum and big ca	n like day for not go his bed	N04
for day like to his see bed and dog we	nt but dad on day cat look not to	NIZ
had got look for not dad big dag see put	cat on his house for my look see big but	NII
up for can cat play look on bed but and	ded for day his not see day my get lack	NS
see for my and day to day like his up not not	used not high and the flow that had beat my up day	Nó
are the sea for man for area any day area on tag	that for the dark to day and will be found than	N5

At 33 cm Equivalent to: LooMar	NEAR TEST CARD		At 33 cm Equivalent to: Souther
1.0	HVRN	RNVC	> (7-)
0.9	UHDP	PHCR	74 (74)
os	RNVC	CRPN	7a ("Fa)
0.7	NPDU	VOUH	% (%a)
0.6	PNRO	HRVO	% (%)
0.5	USAN	GPAR	% (%)
0.4	[event)	(MANA)	% (%)
0.3		-	% (%a)
0.2 0.1 0.0	100 100 100	=	% (%) % (%) % (%) % (%)



# **Child Trial Frames**

Comfortable and light weight frames with adjustable temples. The frames hold three trial lenses in the front and one lens behind each side. Knobs located on the front allow for easy axis rotation to define the astigmatism axis. The frames come in a protective case.

### Order codes:

Infant, Interpupillary distance 56mm, purple frame: TRF56 Child, Interpupillary distance 58mm, red frame: TRF58



# **3 Metre Tape Measures**

Ideal for measuring correct vision testing distances as well as many other test measurements. Made from soft, strong PVCcoated 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

# 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.

KES3MLET-VHK

• 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 KE3MLET- KH **KE3MLET- KHMIRR** 

• Small box with carry handle: 37.7cm x 15.7cm x 5.2cm

■ Small box with wall bracket: 37.7cm x 15.7cm x 18cm





**Vision Testing** 



Compatible Kay Chart:



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 eve 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









# 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





# **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:

Click here to view the specification of acuity levels

Standard Test: CATST
Low Vision Test: CATLV
Contrast Sensitivity Test: CATCS

Screening Test: CATSCREEN
Reduced Test: CATRED
Low Vision Add-on: CATADD
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 eye 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

Click here for more on acuity cards



# **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

# **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 quick and easy.

Test results can be safely stored on your device, exported to a spreadsheet or deleted, as required.

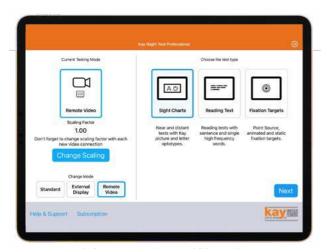
The app uses international standard letters and Kay Picture optotypes for young children and others with a learning disability. In addition, near reading text is provided as short, paragraphs or single, high frequency words. There is also a point of light fixation target plus 4 animated images and two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

The app can be used to test vision remotely by screensharing through a stand-alone video conferencing app at your desk to test anywhere in the world.

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.

Shop online at: www.kaypictures.com



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









## Features:

- · Share (iPad only) to another device for remote vision testing
- Various testing distances from 33cm to 6
- 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
- Export or delete saved test results
- 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.

# **Kay iSight Test Business**

Kay iSight Test Business provides access to the same content as Kay



There will be a small, initial download cost per device to access the app as well as a fixed-term, annual licence fee paid directly to Kay Pictures Ltd which ensures the app installs updates and continues to function on any new Apple device and iOS update during the term of the agreement.

Please get in touch for a quote and to obtain licences.

Find out more





# Kay Say & Match

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

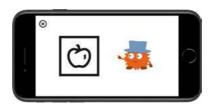
The Kay Say and Match app provides a fun way to help very young children to practise and learn the Kay Picture optotypes prior to having an eye test at home.

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.





# **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.

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.* 





# Test Results Test Results Test Results Test Results Test Results Test Professional Name Eye testers Contact The Boss Email Theboss@eyetest.com Phone 798-4557899 Notes The Ross Results Phone Results Test Results Test Test View Tutorial Eye Professional Name Eye testers Contact The Boss Email Theboss@eyetest.com Phone 798-4557899 Phone Test the contact details on your appointment letters





# **FREE TRIAL**

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

A FREE TRIAL is now available!

Get in touch

to receive further information.



# 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).



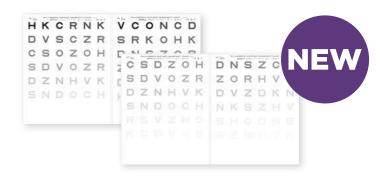


# Pelli-Robson Traditional Contrast Sensitivity Charts

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



**Contrast Sensitivity** 

# Pelli-Robson Trans-Illuminated Contrast Sensitivity Charts

These Sloan letter charts cover <sup>3</sup>/<sub>4</sub> 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<sup>M</sup> (63cm x 65.5cm x 17.8cm).

### Order codes:

Low Vision Peak Vision

Full Set (A & B): PV5016 Full Set (A & B): PV5017

Chart A: PV5016A Chart A: PV5017A

Chart B: PV5016B 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.



# **Occluding Patches with Wallet**

There are three occluding patches 6.5cm across, plus one 5cm black patch for additional black out and to support the patch attaching to smaller size lenses. **Order codes:** 

Infant (Smiley, Butterfly, Skull, Plain Black) OPCHI
Junior (Camouflage, Hearts and Flowers, Stars, Plain Black) OPCHJ
Adult (4 x Plain colours) OPCHA







Infant

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# **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



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



### **Heart Occluder**

Our Heart Occluder has been designed as a cheerful, child-friendly tool for many uniocular clinical assessments.

The curved shape fits and occludes the eye perfectly. The handle is easy to manipulate for cover test repeat movements, and long enough to hold away from the face when required.

Order code: OCCLHEART

# **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



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

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.

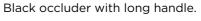
Order code: OCCLORGN

hole pinhole to the uncovered eye.

### **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.





Order code: OCCLBL



Multi pinhole occluder with long handle

Order code: OCCLPIN

**Orthoptic Tests** 

# **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

# 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





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# **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

# Flipper Lenses

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

### Order codes:

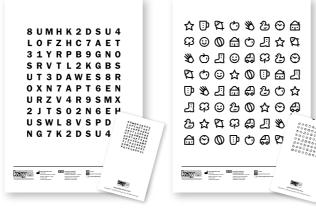
± 1.00 DS: FL1A ±2.00 DS: FL1C ±1.50 DS: FL1B ±3.00 DS: FL1E +2.00/-4.00 DS: FL1D

Other sizes may be available on request.

# **Unglazed Flippers**

Pack of 10 plastic flipper frames in assorted colours.

Order code: FLU



# **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

# **Brock String**

Three coloured beads on a 2-metre length of polyester (non-stretchy) cord for home exercises aimed at improving binocular alignment.

Each bead is 10mm in diameter.

Exercises involve positioning the three beads at different distances along the cord and moving the eyes to look at or follow the beads.

Basic patient instructions are included. Available in packs of 10.

Order code: BROCK



## **Hess Screen**

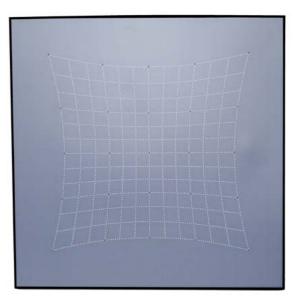
Hess Screen is used to test the function and coordination of the extra-ocular muscles to aid the diagnosis of ocular motility disorders.

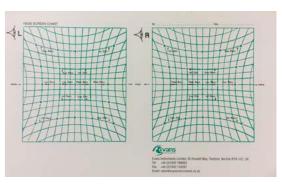
The full set comprises a 92 cm x 92 cm size electronic grey screen with 25 red lights, a pack of corresponding recording charts, a green laser pointer with AAA batteries, red/green dissociative goggles and a power unit.

### Order Codes:

Hess Set: HESS-331-SET
Chin Rest: HESS-331-CRA
Laser Pointer: HESS-331-LP
Recording Charts: HESS-313-RC
Goggles: HESSGOGGLES













# **Stick Prisms**

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



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.

Order code: DET







# **Frisby Stereo Tests**

Measure a wide range of stereo acuity in true 3D without the need for dissociating glasses. 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



# **Pocket Test**

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

# **TNO Stereo Test**

Used for stereopsis testing in occupational environments. It consists of three screening plates, a plate for testing eye suppression and two plates for the quantitative testing of stereo acuity. Available with stereo viewing glasses for either children or adults.

Order codes

**Book with Child Glasses: TNOSETCHILD** 

Child Glasses: GOGGLESCHILD

**Book with Adult Glasses: TNOSETADULT** 

**Adult Glasses: GOGGLESADULT** 

**Book: TNOSTEREO** 



# **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





# 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





# 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

Packs of 10, 50 or more. Assorted designs, all boys, all girls.

50 Assorted: KFPCH50E

50 Girls: KFPCH50EG

50 Boys: KFPCH50EB

- Individually hand-sewn
- Cost effective
- Environmentally friendly





Order codes:

10 Assorted: KFPCH10E

10 Girls: KFPCH10EG

10 Boys: KFPCH10EB





# **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.

Plain Baby Fun Patches Order code: BFPCH10PL Patternerd Baby Fun Patches

Order code: BFPCH10





# **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



Red Sparkle
Order code:
PFPCH10REDSP



Blue Sparkle
Order code:
PFPCH10BLUSP



Neon Pink
Order code:
PFPCH10NEOP

# **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.







# **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
50 pack assorted designs: EPCH50J





# **Adult Glasses Patches**

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.

Order codes:

Regular 10 pack: AGPCHR10E Large 10 pack: AGPCHL10E Regular 50 pack: AGPCHR50E Large 50 pack: AGPCHL50E



# 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 Glasses Patches

Pack of 10 assorted adult glasses patches, only available in regular.

Order code: AGPCHR10PAT

Occlusion Therapy Fixation Tools & Accessories



# **Adult Eye Patches**

Eye patches for adults without glasses, made entirely from reusable, washable fabric. The patches are held comfortably in place with 7mm wide and 40cm long quality, stretchy elastic, which is also latex free. Available in a small and regular size.

# Order codes:

Regular

Small

10 pack assorted colours: EPCH10A 50 pack assorted colours: EPCH50A

10 pack assorted colours **EPCH10ASM** 

# SIZES S: 7cm x 5.4cm R: 7.7cm x 6.7cm

# **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



Shop online at: www.kaypictures.com



# **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 codes:
Winking Eye: FS1A
Monkey / Frog: FS1B
Monster / Butterfly: FS1C

# **Infant Fixation Sticks**

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

Infant designs. Bold colourful pictures with lots of detail, plus letters and Kay Picture optotypes.

Order code: FS3A



# CE © 2021 Nay Pictures Ltd

### **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

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**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: CUBER Order code: CUBER



### **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 in assorted colours.

Replaceable batteries.

Available individually or in packs of five.

Order codes:

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



# **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



# **Assorted Torches**

Choose from various packs of three assorted torches. Most sets also have a sound effect. 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.







TA<sub>3</sub>B







TA<sub>3</sub>D

# **Fixation Tools & Accessories**

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



# 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

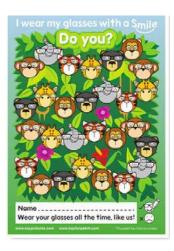


# **Patching Calendar**

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





# Order codes:

Jungle Patch Chart Jungle Glasses Chart
100 pack: JPC100 100 pack: JGC100
500 pack: JPC500 500 pack: JGC500



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 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 Reward Stickers 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: \$500 (+ ref code)











**BEY** 



STA







# **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: \$0480









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!



Free!



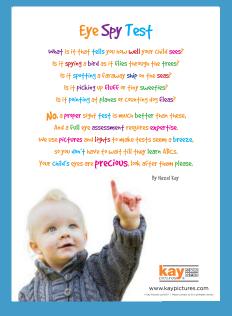


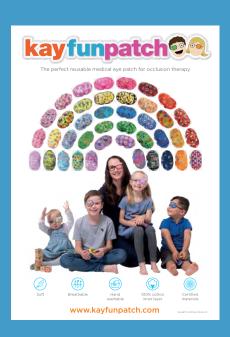
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Order this pack of 50 free\* leaflets with useful information about the Kay Say & Match app to help your patients prepare for their eye test.

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