



C^Thru
Go Smile

Swift^{*}
Straight Teeth

Making Dream Smiles Come True

If it straightens, whitens or protects teeth we make it

For more than 45 years, our team of experts has been making bespoke orthodontic appliances that help the world to smile brighter. The Clinician and Patient are at the heart of everything we do.

Our mission is to provide our clients – both clinician and patient – with the ultimate in product quality, customer service and value for money.

Our flagship CThru brand of clear aligners are proudly made in Great Britain. CThru clear aligners can easily be incorporated into any practice.

We deliver that mission thanks to our full service digital orthodontic laboratory. All our technicians are fully qualified and GDC registered. Our appliances are proudly made in the UK using the most environmentally friendly materials available and ensuring that all materials we use can be recycled.

As an independent laboratory, ArchformByte can accept scans from all brands of intra oral scanner.



We work with you to provide the best possible outcome for your patients.

ArchformByte is trusted by a growing clientele across the world. To discover more, visit our website: archformbyte.com. To further discuss your needs, call +44 (0)114 243 5400 Option 1, email lab@archformbyte.com or make an appointment to visit our lab.



CThru Providing the perfect smile for your patients

CThru gently realigns teeth to give your patients a confident smile.

CThru clear aligners are made from lightweight plastic that can be recycled. Designed to apply light pressure, gently, gradually move teeth to their desired position.

Incorporating CThru into your practice is easy, there are no restrictive contracts or expensive training courses. Treatment can be completed in as little as 3 months.

The treatment process is simple and will have minimal effect on your patient's busy lifestyles. CThru have already helped thousands of patients to smile with confidence, being a part of the CThru Partner Programme enables practices to offer the same life changing treatment to their patients.

Request a free copy of CThru Clinical Guidelines or download from archformbyte.com.





CThru is so simple, it's enough to make you smile

- Easy to use.
- No restrictive contracts or expensive training courses.
- Simply send .STL scans, impressions or models, tell us what you and the patient want to achieve and we will do the rest.
- We will carry out a CThru Review to your instructions and send you the treatment options, pre & post images, animation and if required, an IPR Chart.
- Upon your approval we will manufacture your patient's CThru clear aligners and deliver them with in 5-10 working days.

Before



After



For more information visit:
CThruSmiles.com



Premium Partner Programme

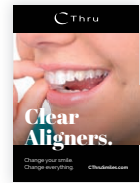


DL patient leaflets with display stand and the CThru box including aligners, aligner container and instruction leaflet.

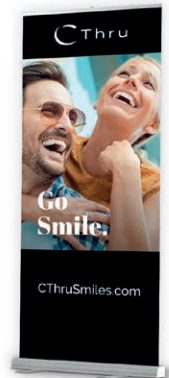
A bespoke personal service for you and your patients

There are so many benefits of joining the CThru Partner programme, these include:

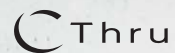
- Patient referrals from CThruSmiles.com sent direct to you.
- Your practice details promoted on the CThruSmiles website, so patients in your area can find you.
- Quality point of sale materials for your practice including sample CThru aligner boxes, posters, flyers and a pop-up banner.
- Training and ongoing promotional support for all the practice team.
- A confidential online login for Casetrac Online so you can track your CThru cases and allowing you to securely upload photos, prescriptions and track your case.
- We accept .stl files from all brands of intra oral scanner, alginate impressions or models.



A2 poster

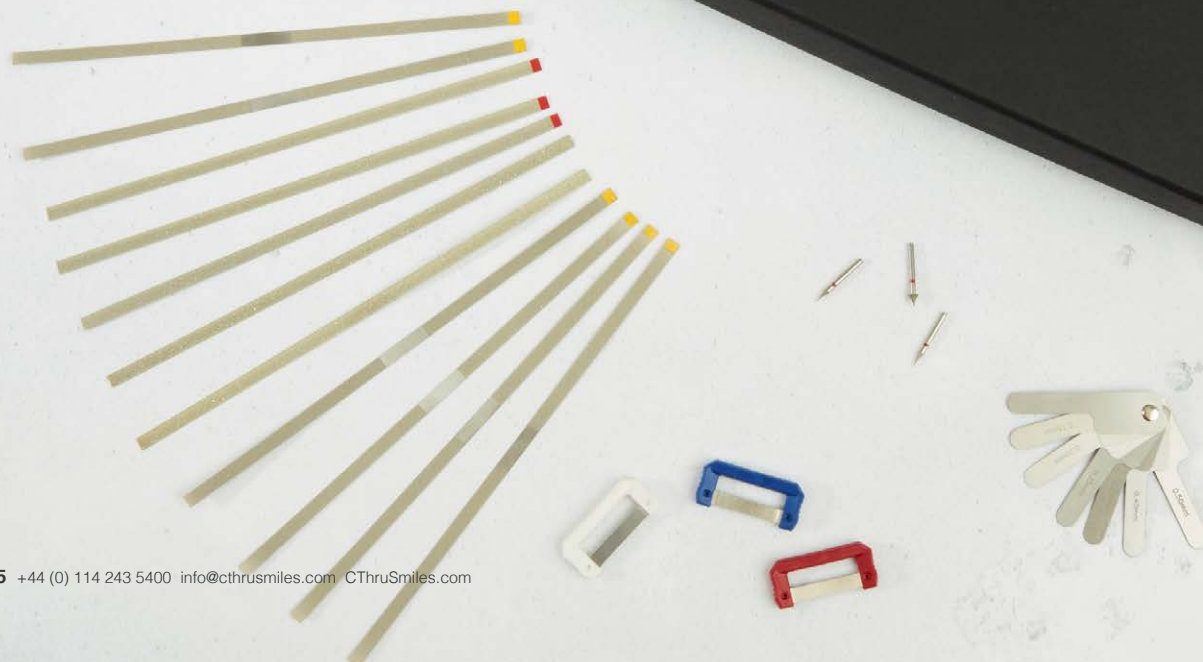


Roller Banner



CThru IPR Kit

See price list for choice
of IPR Kit Contents.





Hudson InClinger



A revolutionary digital functional appliance system

The Hudson InClinger can be applied at any stage of CThru aligner treatment and can align teeth simultaneously.

- Reduces treatment time by having the functional element on the CThru aligner.
- Reduces chairside time because no bite registration is required.
- The Hudson InClinger can be used as a single standard alone functional appliance.
- Aesthetically pleasing compared to a traditional functional appliance. Over 60% increased patient compliance.
- More comfortable for the patient to wear.
- Minimal effect on speech as there is no acrylic in the palate to obstruct the tongue.
- Two sets of appliances are supplied for each patient to ensure continued wear, if lost or broken.

CThru Luxury Whitening Kit

The CThru Lumi Luxe Kit guarantees a B1 shade. The kit contains 5 x 3ml Lumiwhite By Night (16% Carbamide Peroxide) teeth whitening syringes.



Swift

Straight Teeth

A bespoke service for you and your patients

- Reduce chairside time taken for bonding brackets using **Swift** IDB, treat more patients, increase your revenues.
- Simply send your patient's scan, models or impressions.
- We will create the Swift Indirect Bonding Tray with the brackets.
- We also include, a patient specific kit including sequential archwires, ligatures and elastomeric chain to your specification on request.



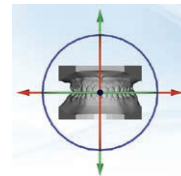
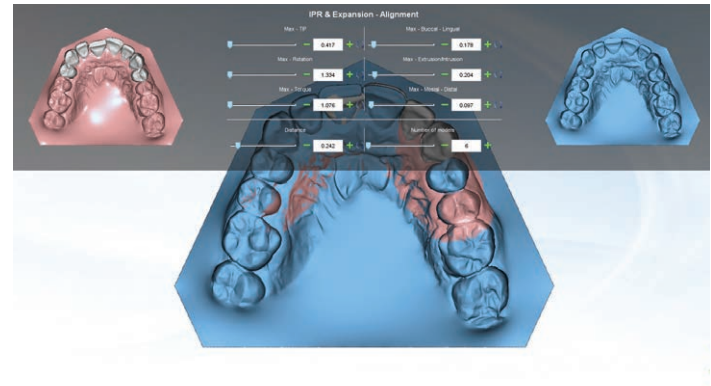
AFB Digital

We'll digitise all your data

Eliminate your storage issues by digitising your patient database, photographs and scans. Complies with the NHSBSA requirements giving peace of mind that your files are safe and secure.

Send us your models (or imps), OPG's and photographs and we will scan and digitise them into a format for submission to the NHSBSA. We will supply 2 discs, one for the NHSBSA and one for your records with the following data:

1. PRE treatment 3d stl study model images.
2. POST treatment 3d stl study model images.
3. OPG/Photo folder.
4. Paperwork folder of the scanned paperwork.



Or let us archive your legacy models to save on storage space and cost. Ask for a quote.

Monarch Mouthguards

Fully customisable mouthguards

Monarch Mouthguards are produced in Standard and Professional. Please state the sport that the guard is to be used for and colour(s) or flag required.

(Yes, we can make mouth guards over fixed brackets!)

Any colour, club logo or school emblem can be incorporated. Each mouthguard can be customised with the wearer's name, at no extra cost.



Removable Appliances



Barrer

This appliance is used for minor tooth movements and can be used as the final retainer.
Note: The palatal and lingual arches are acrylated.



Upper Segmental Screw

With a Z spring for in-standing lateral incisors.
Note: The posterior capping.



ELSA

This is a multi-purpose appliance. Using a midline screw and adequate fixation with anterior recurved palatal springs and labial bow and flat bite plane.



ELSA

Often used in Class II Div ii cases for the proclination of central incisors.
Note: Optional mid line screw and occlusal rests on molar teeth.



ELSA

The mid line expansion screw and the occlusal rests to reduce over eruption, whilst the palatal and labial arches align the anterior segment.



Upper Removable

With palatal canine retractors, labial bow soldered to 6.16 cribs with flat anterior bite plane.



Upper Removable

Showing a Roberts Retractor.



Upper Removable

Buccal canine retractor 0.6mm wire supported in a tube.
Note: The Southend Clasp on 1.1.



Hawley Retainer Plus

With self straightening wires for space closure.



Upper Removable

Showing reverse loop canine retractor. As the canine is retracted the arm is shortened and reattached to the canine.



Upper Removable

Retained by molar cribs and ball clasps with Z springs to procline upper laterals.



Coffin Spring

This appliance can be used for individual movement of the buccal segments.
Note: Optional EOT tubes on this appliance.



Coffin Spring

Used for bi-lateral expansion.

Note: The occlusal cover and the Adams cribs supporting two half Adams cribs.



Upper Removable Fitted Retainer

This is often used as a support stage following Twin Block therapy.

Note: The fitted arch and the inclined anterior bite plane.



Begg Retainer

Made from 0.9mm wire.

Note: The close fitting on the second molar.



Removable Space Maintainer

Often used where deciduous teeth have been lost.



Hawley Retainer - Reverse Loop

Showing archwire soldered to molar crib and reverse loops in arch.



Fan Screw

This appliance allows buccal movement of the anterior segment with minimal movement of the 1st and 2nd molar segments when the screw is activated.



Hawley Retainer

Showing an acrylated archwire, used where there have been anterior rotations.



Lower Removable

With twin screws to upright and align lower first molars or second molars.

Note: The anterior retention - 2 ball clasps.



Upper Bite Plane

Showing the construction of the Plinth clasp. Used in conjunction with a fixed appliance.



Pendulum

This appliance is used for distalising upper first molars using TMA wire into horizontal tubes on the molar bands. The remainder of the appliance is completely removable with a mid line expansion screw and cribs on the premolars. An anterior bite plane can be used in these cases.



Habit Breaker

Used to prevent digit sucking and sometimes to reduce tongue thrusting habits.



Three Way Expansion Screw

Usually used to gain space for excluded canines or anterior teeth.

Fixed Appliances



MIA Quad Helix

Fitted into horizontal lingual tubes on the molar bands.



Lower Lingual Arch

Used to maintain space and increase the anchorage in Class II cases.



Fixed Rapid Maxillary Expansion Screw



Fixed Habit Breaker

Soldered to molar band.



Fixed Rapid Maxillary Expansion Screw

Note: Second pre molar as a 0.8mm contact wire on each side.



Upper Fixed

Incorporating a removable flat anterior bite plane using Plinth clasps over the buccal tubes.



Fixed Lingual

Using a small screw to increase the lower inter canine width.



Upper Fixed (Riconator)

With a bite plane and auxiliary springs to pre molars.



Upper Fixed

With Nance button.



Unusual Fan Type Fixed Expansion



Upper Fixed

With Nance button and inclined bite plane relieved behind.



Fixed Transpalatal Arch

Used to increase anchorage.



Bonded Lingual Retainer

Bonded to lower canines.
Note: alternative option twistflex archwire can be bonded to each tooth. This can be done using a silicone matrix for accurate placement.



Standard Fixed Transpalatal Arch

Soldered to molar bands.
Note: the clearance from the soft tissue.



Functional Appliances



Twin Block

Standard Class II Div ii
Twin Block.



COFF

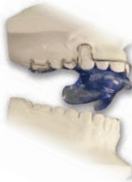
Offset Front View.

Note: The acrylic is extended onto the lower canines.



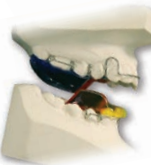
COFF

Lateral view of a COFF appliance.
Removable, fixed functional, only removable by the clinician.



Medium Opening Activator

For treating Class II with large overbite and overjet.



Twin Block Class II Div i

Suitable for small overjet cases.



Acrylic Colours

Appliance showing only a few of the acrylic colours available. Any single colour is available at no extra charge.



Hudson InClinger System

Digital Functional Appliance.

Retainers



Hawley Plus



TruTain



**Twist-Flex with
Positioning Matrix**

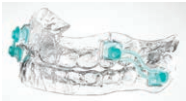


Manchester



Bonded Lingual

Anti Snoring



**Silensor Anti Snoring
Appliance & Kit**

The kit contains various lengths of
support arms and extra studs.

Spring Aligner



Mark Francis B.Sc. (Hons.), FCA, FCSI

Chairman

E: mfrancis@archformbyte.com

E: mfrancis@CThruSmiles.com

Pennie Hudson Ward B.Sc. (Hons.)

Chief Executive

E: phudsonward@archformbyte.com

E: phudsonward@CThruSmiles.com

M: +44 (0) 7831 863 444

Daniel Marshall FdSc

Laboratory Production Director

E: dmarshall@archformbyte.com

E: dmarshall@CThruSmiles.com

T: +44 (0) 114 243 5400

M: +44 (0) 7710 082 998



ArchformByte Limited,
76 Tyler Street, Sheffield,
S9 1DH, UK

T: +44 (0) 114 243 5400
E: info@archformbyte.com
archformbyte.com
CThruSmiles.com





76 Tyler Street, Sheffield, S9 1DH, United Kingdom
T: +44 (0) 114 243 5400 E: info@archformbyte.com

Terms of Trading M.D.A No CA014554 See website for terms and conditions, Sept 2021.