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KESLINGCARE- TRISTAR® COMPOSITE ALIGNER TECHNOLOGY



KESLING CARE

tristar

Complete Clear Aligner Material Solution

ABOUT KESLINGCARE- TRISTAR



Superior
stress
retention



Crack
Resistance



Tough and
Durable



Comfortable
for your patients



Competitive
Pricing

R&D JOURNEY

KESLINGCARE-TRISTAR®, our flagship material, emerged from a superior polymer composite foundation developed by our chemists and clinicians. Trusted to provide consistent and gentle force delivery, This material has set a new industry standard for clear aligner treatment. KESLINGCARE-TRISTAR® Aligner Material, continues to improve patient treatment through collaboration with research-focused universities, driving rapid advancements in artificial intelligence and clear aligner treatment, including the world's first digital functional appliance material.

Our progression led us to create our own clear aligners, from older methods such as plaster models to digitally driven solutions, improving precision and efficiency in the aligner fabrication. Today, we deliver more than a million clear aligner splints worldwide, to customer spanning more than 20 countries. KESLINGCARE-TRISTAR®: Tested, Trusted to deliver dependable clinical performance.



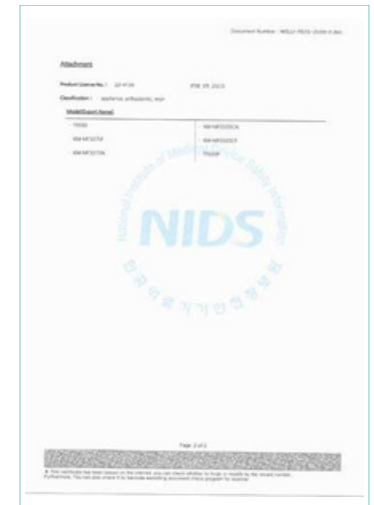
CERTIFICATE SHOWCASE



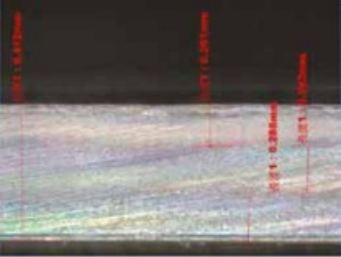
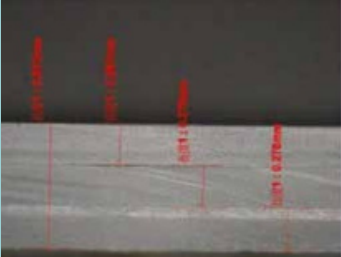
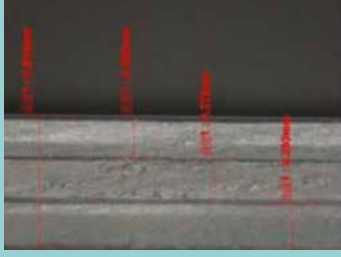
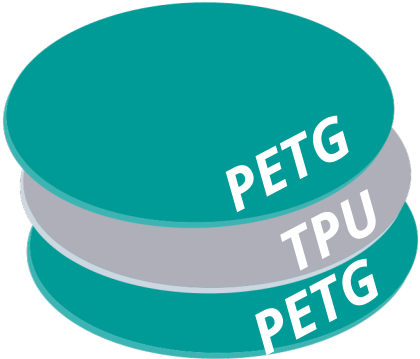
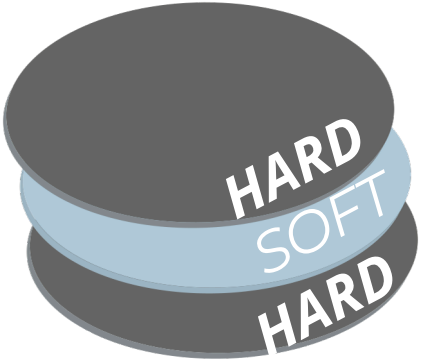
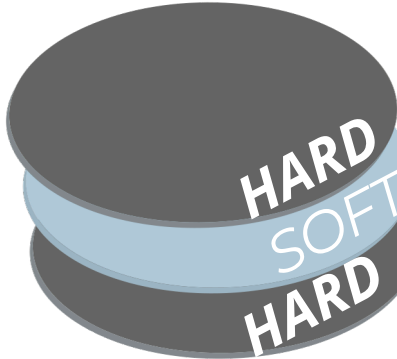
PIHAK BERKUASA PERANTI PERUBATAN
KEMENTERIAN KESIHATAN MALAYSIA



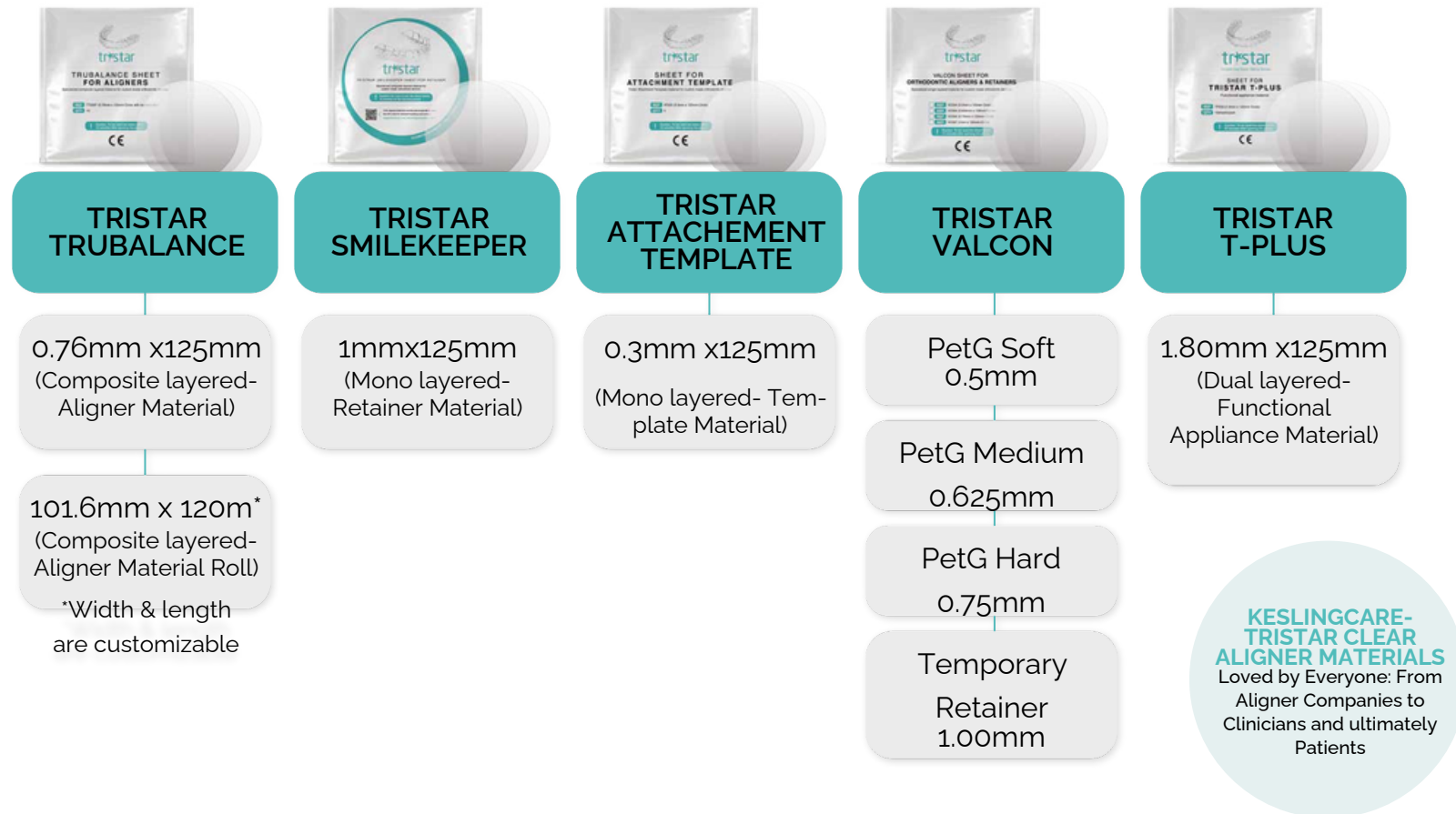
KESLINGCARE-TRISTAR®
Trusses and Certified by Hamer



PRODUCT COMPARISON

PRODUCT	KESLINGCARE -TRISTAR TRUBALANCE	COMPETITOR 1	COMPETITOR 2
LAYER OF SHEET			
TYPE OF LAYERS			

KESLINGCARE- TRISTAR® PRODUCT



KESLINGCARE- TRISTAR® TRUBALANCE



0.76mm x 125mm (Composite Layered-Aligner Material)

100.1mm x 120m*

(Composite layered-Aligner Material Roll)

*Width & Length are customizable

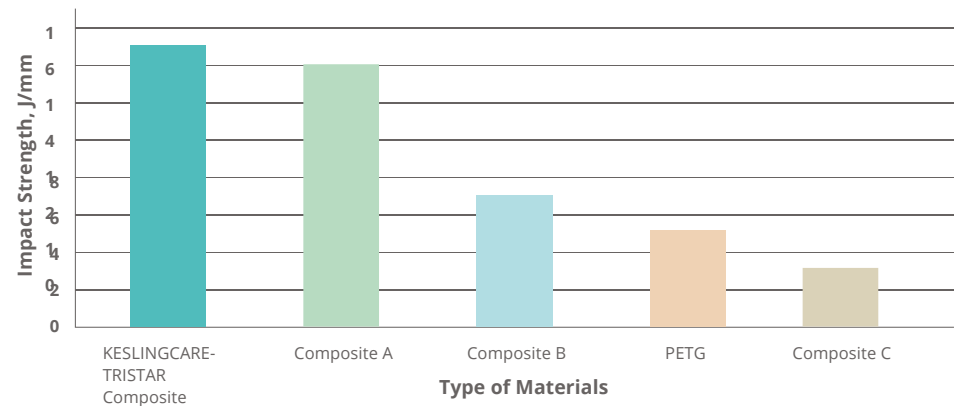
KEY FEATURES: STRESS RETENTION

The impact strength was measured according to Standard Test Method (ASTM D5420) for Impact Resistance of Flat, Rigid Plastic Specimen

The elastic, central layers allow the outer composite layers to slide over each other, aiding extended elastic properties.

IMPACT STRENGTH

Measuring The Ability to Resist Crack Under Continuous Impact (Force)



KESLINGCARE- TRISTAR® T-PLUS



1.80mm x 125mm
(Dual layered – Functional Appliances Material)

FUNCTIONALITY Introducing KESLINGCARE-TRISTAR® T-plus: an innovative dual-layer functional appliance sheet. Its rigid outer layer resists functional forces, while the inner soft layer facilitates tooth and root movement. With a 1.8mm total thickness, this material enables the fusion of functional appliance benefits and teeth alignment – a groundbreaking advancement, uniting these capabilities for the first time.



KESLINGCARE- TRISTAR® ATTACHMENT TEMPLATE

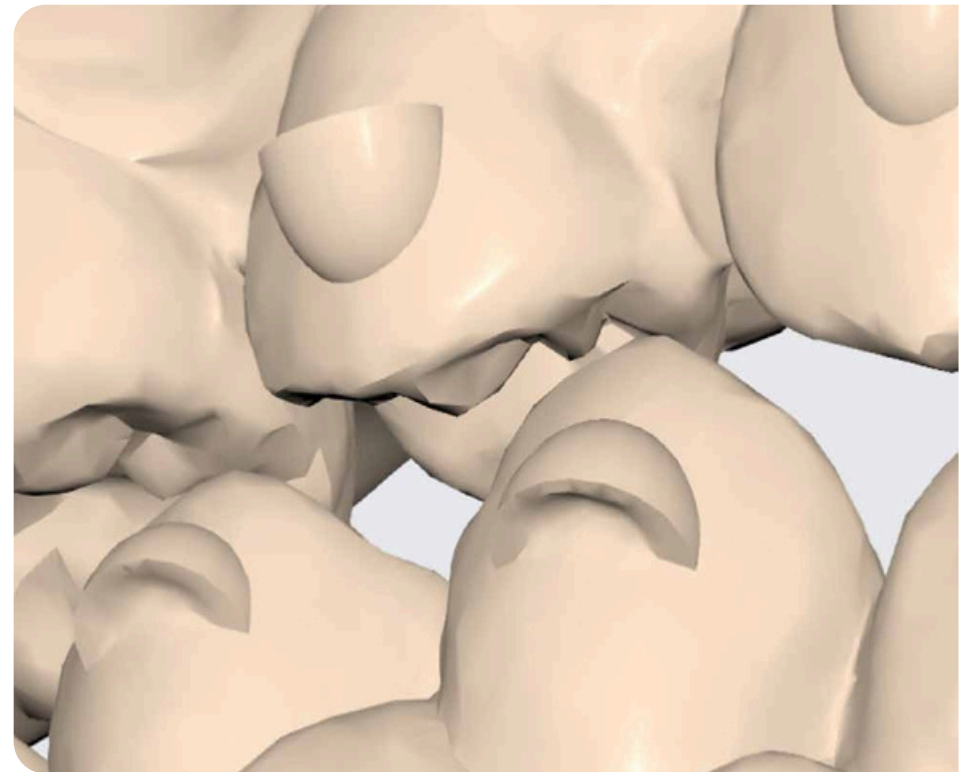


0.3mm x 125mm
(Mono layered-Template Material)

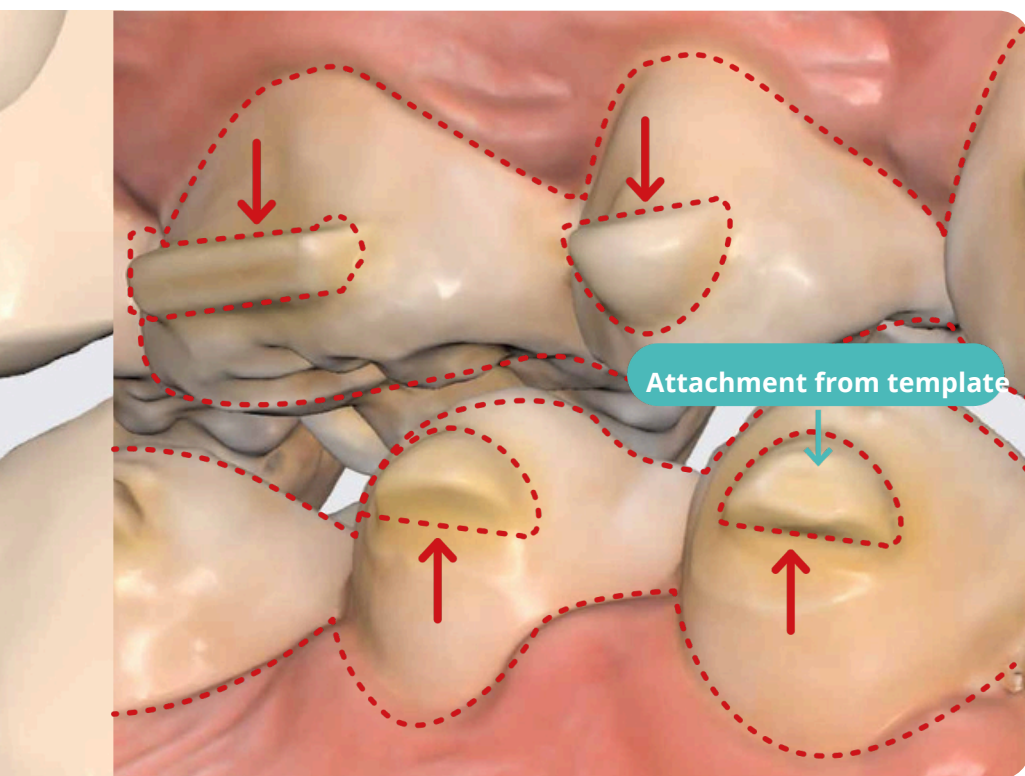
FEATURES

0.3mm for precise bonding of attachment onto tooth surfaces

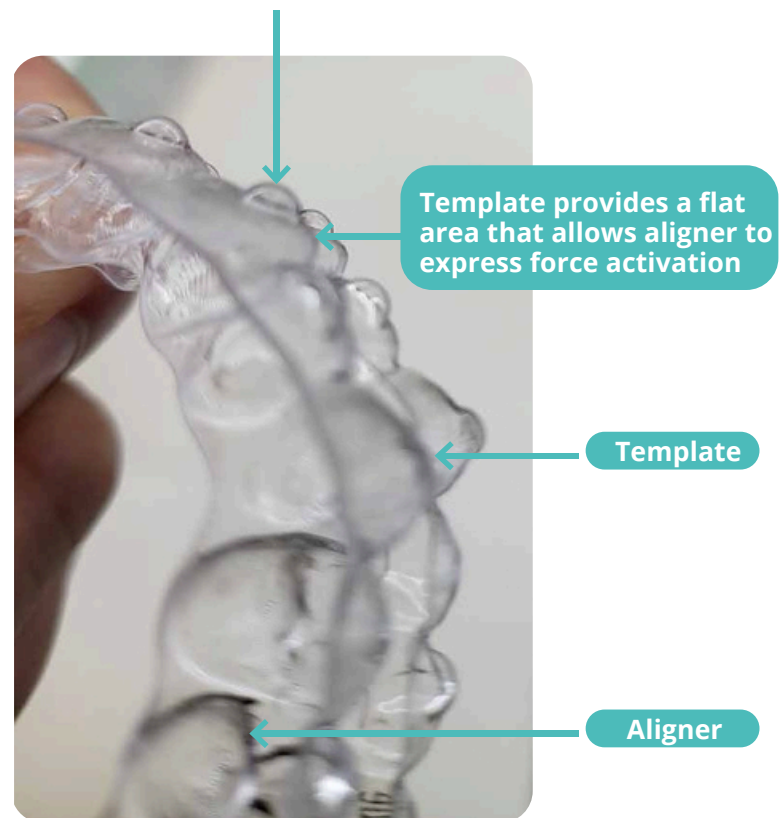
Activated aligner vs template scan surface



----- Aligner



Aligner has dimple that expresses force on flat attachment



KESLINGCARE-TRISTAR® VALCON



KESLINGCARE-TRISTAR® Valcon 0.5mm x 125mm

KESLINGCARE-TRISTAR® Valcon 0.625mm x 125mm

KESLINGCARE-TRISTAR® Valcon 0.75mm x 125mm

KESLINGCARE-TRISTAR® Valcon 1.00mm x 125mm

FEATURES

KESLINGCARE-TRISTAR®

**Valcon – Economical
monolayered sheet**

**Acceptable force delivery through
soft, medium and hard stages**

KESLINGCARE-TRISTAR® Valcon is a first-generation PET-G material for orthodontic tooth movement. It has a rather low yield limit but may be used if you need an economical solution.

KESLINGCARE- TRISTAR® SMILEKEEPER

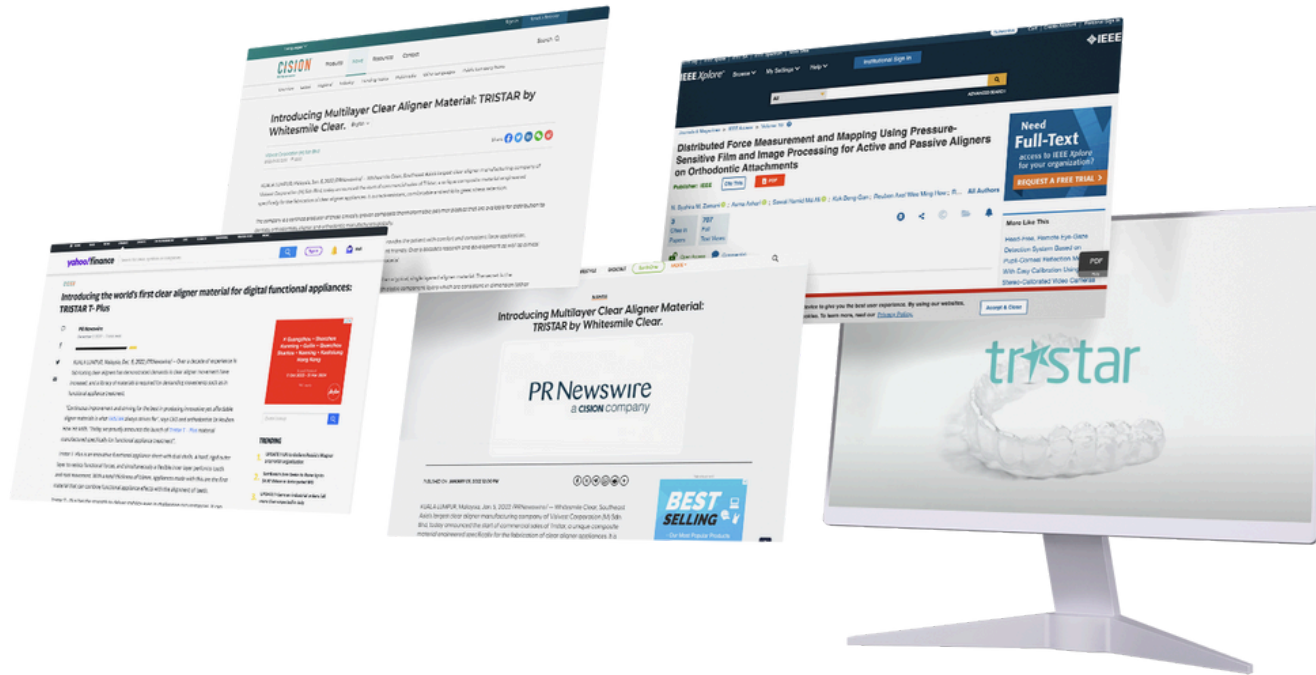


FEATURES

KESLINGCARE-TRISTAR®

Smilekeeper is a single- layer, polyurethane material. It is a very rigid, impact-resistant material. It is made to limit or prevent tooth movement after treatment. It is a retainer material.

PUBLICATION – NEWS & RESEARCH ON TRISTAR®



<https://finance.yahoo.com/news/introducing-worlds-first-clear-aligner-004100629.html?guccounter=1>

<https://en.prnasia.com/releases/apac/introducing-multilayer-clear-aligner-material-TRISTAR-by-whitesmile-clear-347490.shtml>

<https://www.asiaone.com/business/introducing-multilayer-clear-aligner-material-TRISTAR-whitesmile-clear>

https://ieeexplore.ieee.org/document/9775116?fbclid=IwAR0VFfAkR4rCU-4es6T_-CNBYMpGutOpjDRd7vLeBKmeFEjyDs9JgN8D0

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CISION

IEEE Xplore®

CLIENT TESTIMONIAL

Dr. William Michael Mojilip (BDS)

Coming from Invisalign and other thermoplastic retainer materials on the market I was wary of launching into another material. We researched the traditional weak points of clear aligner materials - 2nd order tipping, third order torque application and resolved them. This clear aligner material proves easy to trim and polish and the adaptation has been excellent, even in the mixed dentition. It is light years ahead in durability and breakages are rare

Dr. Sachin (Orthodontist at Dentusdentino Clinic, Moldova)

I have been using TRISTAR for a long time and very satisfied with the result and usage. The properties are excellent for difficult movements.

Dr. Nicolas Salesse (DDS, MSC in Orthodontics)

I had very good feedback from your material. Some dentist in VN (Vietnam) tried on themselves.

Dr. Tuan, Orthodontic from Dentplus Viet Nam

Utilizing the TRISTAR Aligner Material throughout my treatment period, I have consistently witnessed steady and noteworthy progress, resulting in a level of satisfaction that I find it exceedingly gratifying. I wish to express my sincere appreciation to TRISTAR for offering an aligner material that embodies both efficacy and a patient-centered approach.



<https://dentplus.vn/>

Dr. Viet Hoang

I am profoundly impressed by the exceptional quality of the TRISTAR® Aligner Material. The remarkable outcomes achieved and the consistently high level of patient satisfaction it has garnered firmly establish the TRISTAR® Aligner Material as my preferred choice for clear aligner treatments.



Thank You

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