

WELCOME TO  
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MUCOINTEGRATION  
MUCOINTEGRATION™

# Surface chemistry cells can't resist.

Introducing Xeal and TiUltra – two new innovative surfaces derived from our decades of applied anodization expertise. From abutment to implant apex, we have reimagined surface chemistry and topography to optimize tissue integration at every level. We've now entered the Mucointegration™ era.

## Xeal™

### THE PIONEERING MUCOINTEGRATION™ SURFACE

Tissue integration begins here. Dense soft tissue contact with an abutment can act as a barrier that protects the underlying bone. This is the basis for long-term tissue health and stability.

The new Xeal surface is now available for the On1™ Base and the Multi-unit Abutment. TiUltra is available on our best-selling NobelActive®, NobelParallel™ CC and NobelReplace™ CC implants.




## TiUltra™

### MORE THAN ROUGHNESS

Ideal tissue integration isn't just about surface roughness, it's about how every surface reacts with the tissue around it. TiUltra is an ultra-hydrophilic, multi-zone, anodized implant surface with a gradual topography from collar to apex.





The distinctive golden color occurs naturally during the manufacturing process. The hue also presents a natural appearance in the transmucosal zone.

The TiUltra collar features surface chemistry and topography that promote early osseointegration and are designed to support bone stability.

Pristine surface – the surface chemistry and hydrophilicity of both Xeal and TiUltra is preserved with the Protective Layer. This ensures that every implant and abutment arrives in pristine conditions – to you and to your patients.





Learn more about  
**Xeal and TiLlutra** at  
**[nobelbiocare.com/en-us/surfaces](http://nobelbiocare.com/en-us/surfaces)**

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