



## **LABRIDA BioClean™**

For efficient maintenance of dental implants.



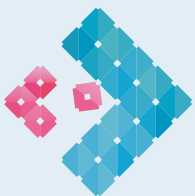
**LABRIDA BioClean™**  
is used by both  
dentists and dental  
hygienists

### **For dentists and dental hygienists**

- Efficient
- Easy to use
- Clinically and scientifically documented

### **For the patient**

- Less pain
- Safe
- Better clinical result
- Shorter treatment time



**LABRIDA**

PERI-IMPLANT INNOVATIONS

# LABRIDA BioClean™



**For efficient maintenance of dental implants to prevent peri-implantitis.**

## For dentists and dental hygienists

- **Efficient**
  - ▶ Good clinical effect
  - ▶ Reduces treatment time
- **Easy to use**
  - ▶ Can be used in standard slow speed rotating and oscillating dental handpieces
  - ▶ Better access around the implant facilitates the cleaning
  - ▶ Used without pressure or force
  - ▶ Less risk for damaging the implant surface
- **Better clinical result and scientifically proven**
  - ▶ Significant reduction in inflammation around the implant up to 6 months after the treatment<sup>4</sup>
  - ▶ Significant reduction in pocket depth around the implant up to 4 weeks after the treatment<sup>4</sup>
  - ▶ Significant better reduction in inflammation compared to treatment with titanium curettes, up to 4 weeks after the treatment<sup>5</sup>



## For the patient

- **Less pain**
  - ▶ Gentle and fast treatment<sup>4</sup>
  - ▶ Gentle on tissue
- **Safe**
  - ▶ Remnants involve no risk<sup>3</sup>
  - ▶ Gentle to the implant
- **Better clinical result**
- **Regular and efficient maintenance is important to extend the implant's life length**
  - ▶ Fewer complications
- **Shorter treatment time**



Efficient maintenance of dental implants is crucial to prevent the development of peri-implant mucositis and peri-implantitis. Recent studies show that peri-implantitis affects approximately 20 % or more of dental implants.<sup>1</sup> It is also reported that up to 80 % of implants develop mucositis, which may progress to peri-implantitis if left untreated.<sup>2</sup> Untreated peri-implantitis increases the risk of losing the implant.

Established maintenance procedures for implants are cumbersome and time consuming, and do not always provide the desired results. Curettes, titanium instruments and nylon brushes may cause damage to the implant (scratches), and may leave remnants that can cause a foreign body reaction around the implant<sup>3</sup>. The use of lasers is costly, and the effect is uncertain.

**LABRIDA BioClean™** is a dental instrument developed to optimize the maintenance of implants, thus avoiding/reducing the occurrence and relapse of peri-implant mucositis and peri-implantitis.

**LABRIDA BioClean™** consists of a working end made of fast-degrading chitosan\* attached to a stainless steel stem covered with polypropylene. The instrument can be used in standard angled and oscillating dental handpieces. It is developed as a disposable instrument for cleaning and maintenance of dental implants.

Clinical studies deploying **LABRIDA BioClean™** exhibit a significant reduction in pocket depth around the implant two and four weeks after treatment, as well as a significant reduction in marginal mucosal inflammation (MI) and Bleeding on Probing (BoP), up to 6 months after treatment.<sup>4,5</sup>

**LABRIDA BioClean™** allows effective cleaning of implants without damaging the implant surface.

**LABRIDA BioClean™** is gentle on tissue and does not leave any residues. Any remains from the chitosan instrument are quickly resorbed!

Safe and efficient cleaning of the implant leads to good healing of the peri-implant tissues!

\* Chitosan – made from the exoskeleton of marine crustaceans, chemically modified and not considered to be animal derived, completely biocompatible and quickly resorbed. Used in e.g. surgical bandages and sutures, as a haemostatic agent and as a dietary supplement. Reported to have anti-inflammatory properties. **LABRIDA BioClean™** is scientifically documented to be gentle and does not damage the implant or surrounding structures. The material in the fibres is non-allergenic.



Pocket probing depth of 4 mm.



**LABRIDA BioClean™**



Non surgical treatment with **LABRIDA BioClean™** in a rotating dental handpiece at 1000 rpm.



## Ordering information

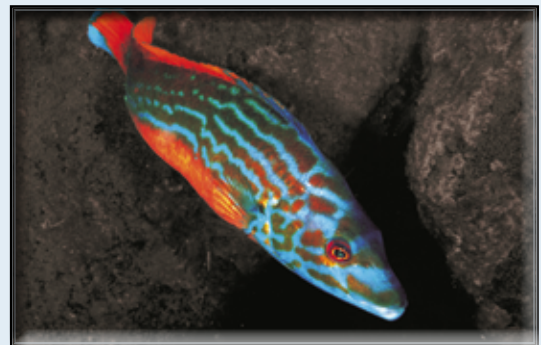
Product number	LBC 2013.0001	LABRIDA BioClean™	10 pieces/package
----------------	---------------	-------------------	-------------------

For detailed “Instructions for Use”, please see [www.labrida.no](http://www.labrida.no)

## References

1. Koldslund OC, Scheie AA, Aass AM. The association between selected risk indicators and severity of peri-implantitis using mixed model analyses. *J Clin Periodontol* 2011;38:285-292.
2. Costa FO, Takenaka-Martinez S, Cota LO, Ferreira SD, Silva GL, Costa JE. Peri-implant disease in subjects with and without preventive maintenance: a 5-year follow-up. *J Clin Periodontol* 2012;39:173-181.
3. Mann M, Parmar D, Walmsley AD, Lea SC. Effect of plastic-covered ultrasonic scalers on titanium implant surfaces. *Clin Oral Implants Res* 2012;23:76-82.
4. Wohlfahrt *et al.* EAO 2013 Poster presentation, Dublin. Treatment of peri-implant mucositis using a resorbable chitosan brush - a pilot clinical study.
5. Wohlfahrt *et al.* IADR 2014 Poster presentation, Cape Town. Implant Maintenance with a Chitosan Brush - A Randomized Clinical Trial.

Distributed by:



The company name LABRIDA is borrowed from the fish species Labrida (lat. Labroides) (a.k.a. Cleaner fish or Dentist fish). Labridas clean other fish from parasites and some even are brave enough to swim in to the mouth of sharks and other predatory fish to clean their teeth.

***Labrida AS is a company established by international expertise within oral implantology and management of peri-implant disease. Labrida AS develops, markets and offers patented (pending) technologies for better and easier treatment of peri-implant mucositis and management of peri-implantitis. All intellectual property rights, including but not limited to copyright and trademarks and domain names, vested in these materials, as well as contained on the respective websites, are held by Labrida AS and may not be copied, reproduced, adapted, published or distributed in any form whatsoever without the prior written consent of Labrida AS. Further, no representation, condition or warranty whatsoever is made or given by or on behalf of Labrida AS.***

## Contact information

LABRIDA AS, Sørkedalsveien 10 A  
0369 Oslo, Norway  
e-mail: [post@labrida.no](mailto:post@labrida.no)



**LABRIDA**  
PERI-IMPLANT INNOVATIONS

[www.labrida.no](http://www.labrida.no)