

## BlueM, for the protection of injured periodontal tissue



*Patient-fitted a TMJ (Total Mandibular Joint prostheses) and 5 days after surgery a wound dehiscence occurs. BlueM oral gel & BLueM mouthwash to treat the surgical complication in the wound ruptures along the surgical incision.*

October 2016: Curitiba Brazil

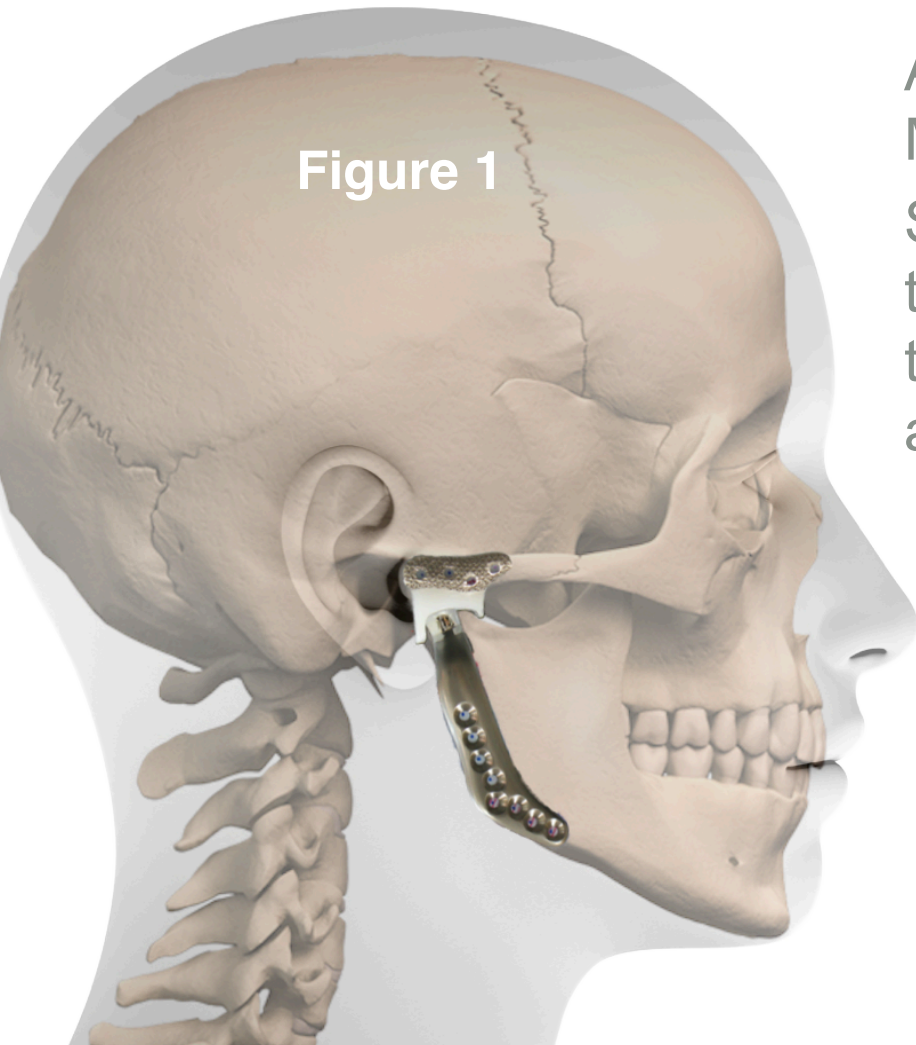
## BlueM, for the protection of injured periodontal tissue

Prof. Dr. Me. ANDRÉ LUIS ZÉTOLA , Curitiba Brazil.  
Oral and maxillofacial surgeon specialised in maxillofacial trauma.



- Dr. in Implantology, UFSC (Federal University of Santa Catarina);
- Master in Head & Neck surgery, Heliópolis Institute São Paulo;
- Specialist Maxillo-Facial Surgery, UERJ (Universidade do Estado do Rio de Janeiro);
- Post Graduate Buco Maxillo Facial & Implantology Surgery, Northwestern University Chicago;
- Former President Brazilian Academy of Osseointegration ABROSS;
- Coordinator specialization course in implantology of SOEPAR( Association of Dentology Paraná);
- His experience in dentistry has emphasis on orthodontics and operates mainly in the following themes: desmoplastic fibroma maxillofacial surgery, traumatology.

## BlueM, for the protection of injured periodontal tissue



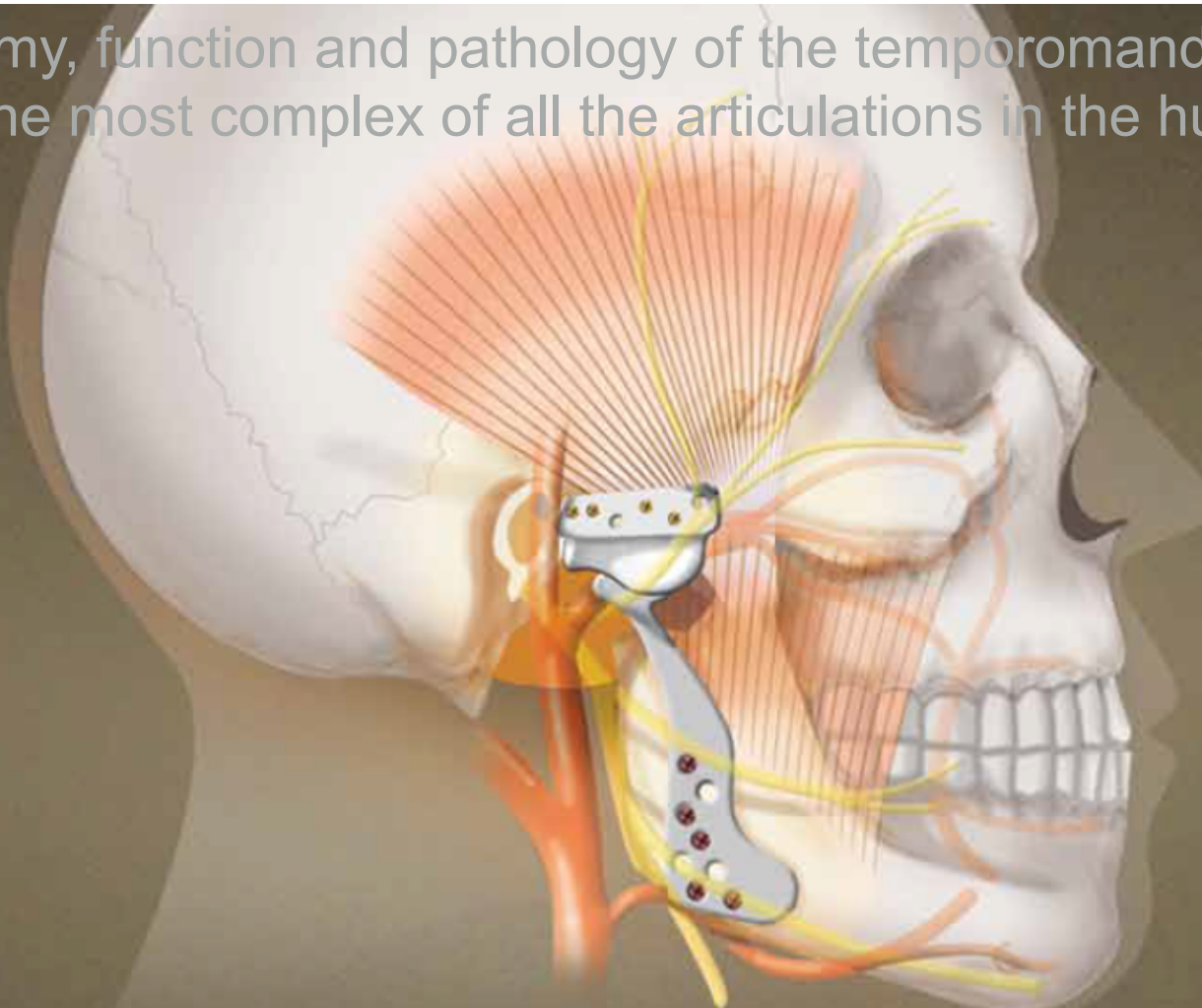
A patient-fitted TMJ (Total Mandibular Joint prostheses)

Surgery to replace the temporomandibular joint is done in the hospital, under general anesthesia.

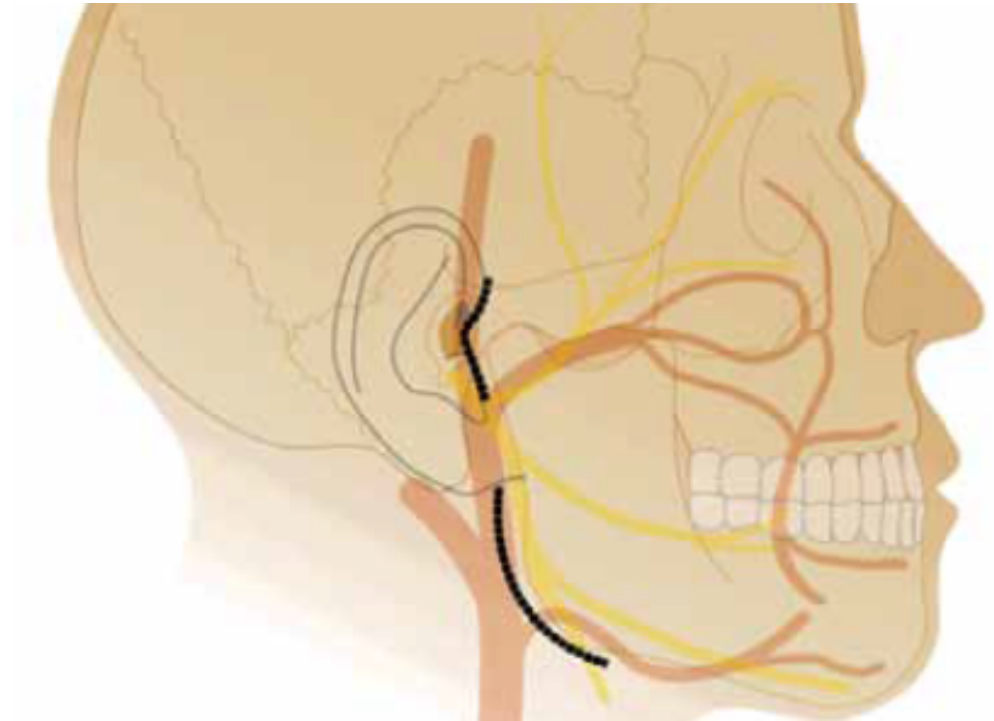


## BlueM, for the protection of injured periodontal tissue

The anatomy, function and pathology of the temporomandibular joint is clearly the most complex of all the articulations in the human body.

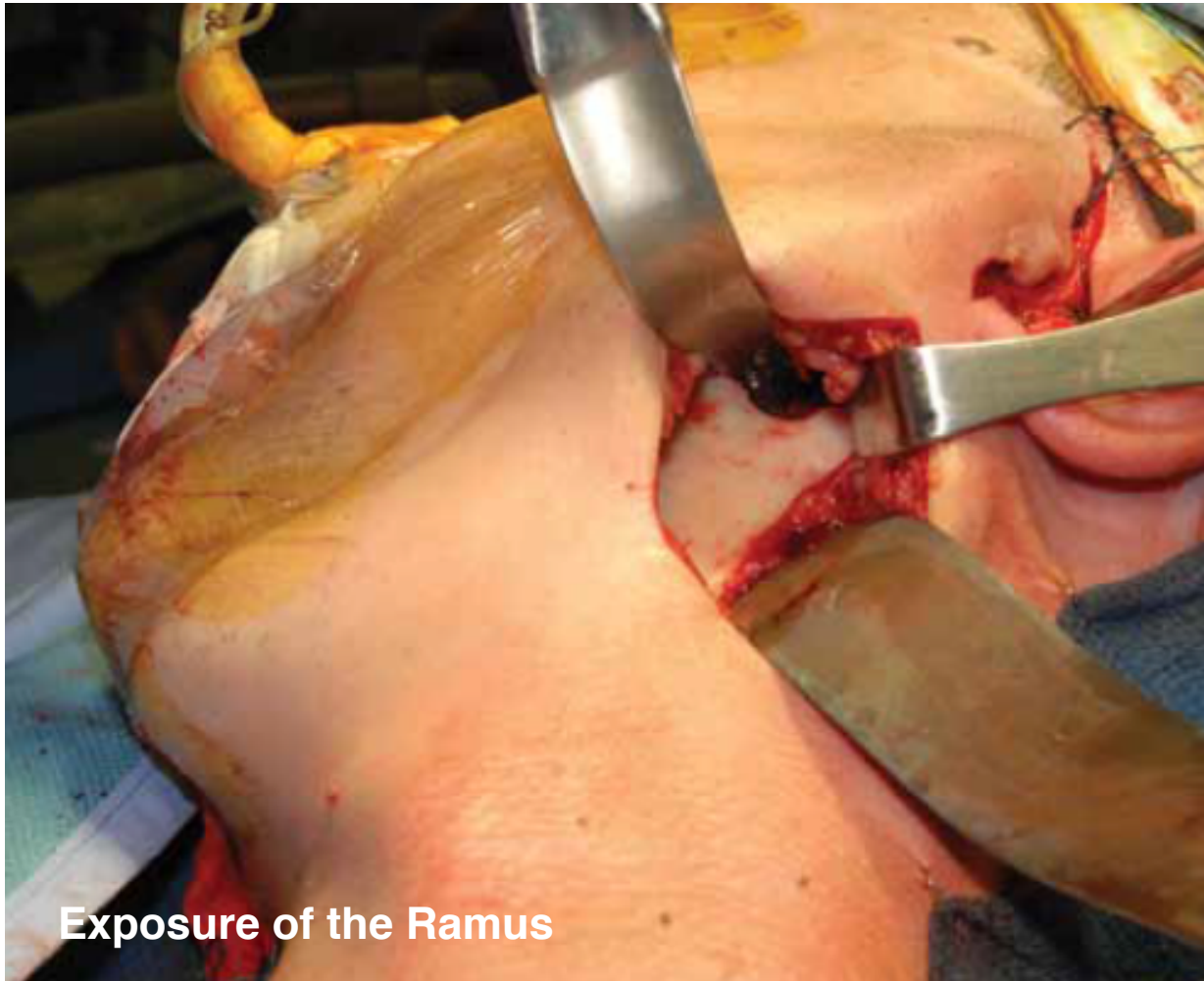


## BlueM, for the protection of injured periodontal tissue



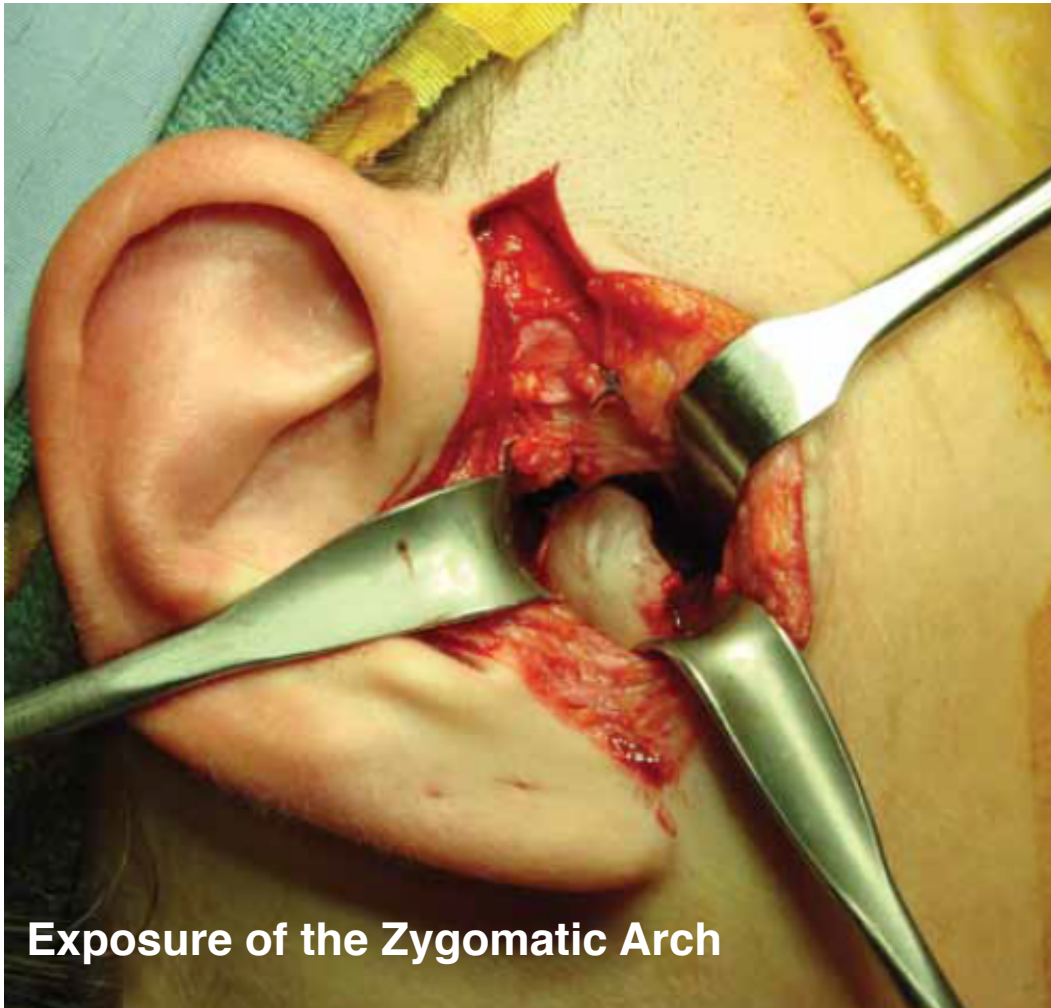


## BlueM, for the protection of injured periodontal tissue



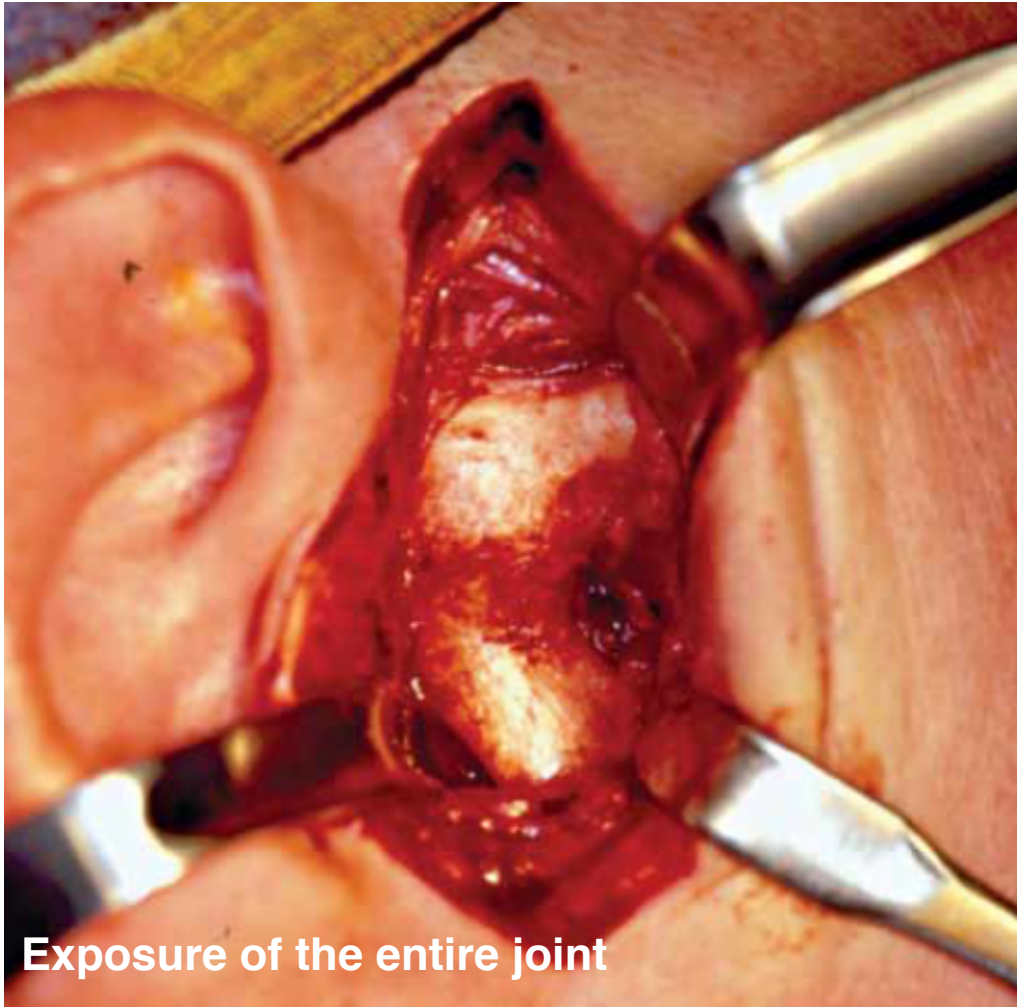
**Exposure of the Ramus**

BlueM, for the protection of injured periodontal tissue



**Exposure of the Zygomatic Arch**

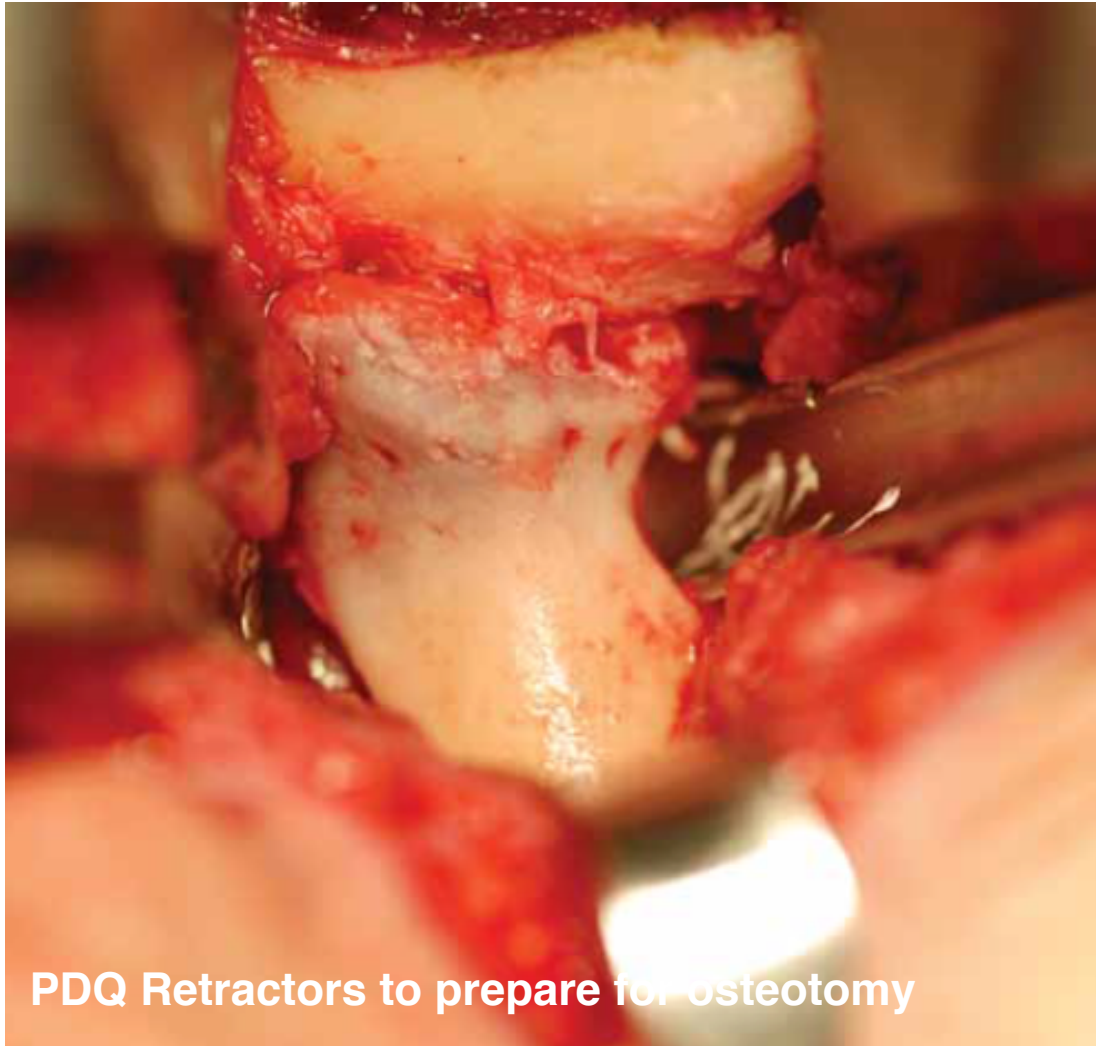
BlueM, for the protection of injured periodontal tissue



Exposure of the entire joint



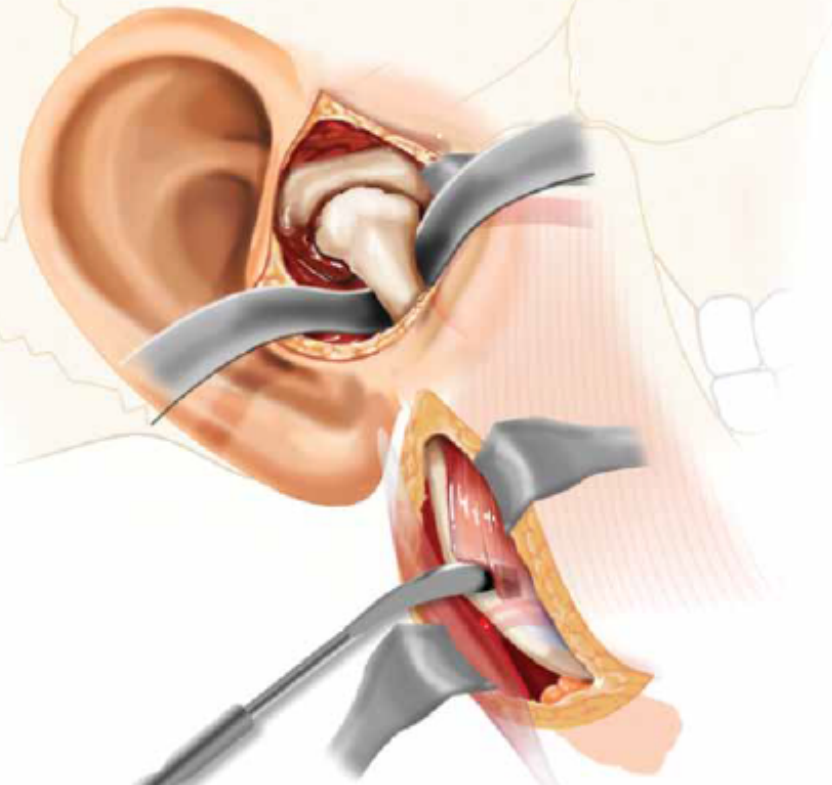
## BlueM, for the protection of injured periodontal tissue



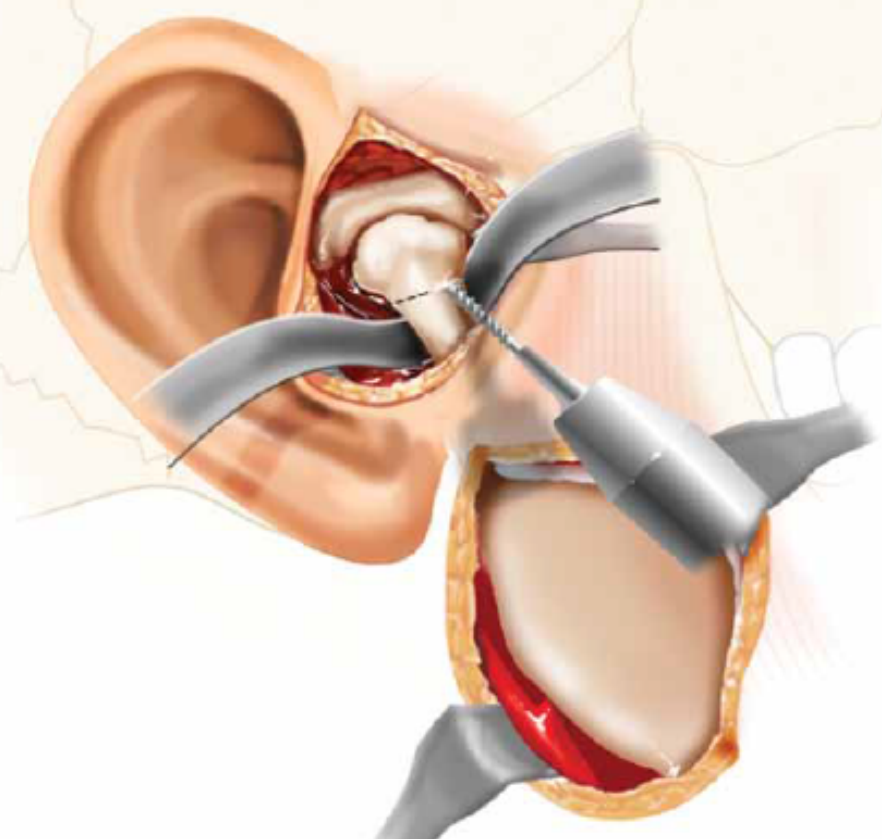
PDQ Retractors to prepare for osteotomy

## BlueM, for the protection of injured periodontal tissue

Dissection medial to condylar neck 1



Ramal exposure



## BlueM, for the protection of injured periodontal tissue



- The incision suffers of a lot of tension due to the complicated surgery. Five days after the surgery a wound dehiscence occurred due to excessive tension and the following two more days a purulent fluid collection and a part of the closed surgical incision was breaking open spontaneously along the sutures.

## BlueM, for the protection of injured periodontal tissue



The wound was treated in the following way:

- A gauze drained in BlueM mouthwash to wipe the pus and to clean the wound. Than BlueM oral gel was applied directly to the wound.
- This procedure was repeated for four times per day.



## BlueM, for the protection of injured periodontal tissue



- After the first day the healing process was already visible

## BlueM, for the protection of injured periodontal tissue



- After the first day the healing process was already visible

## BlueM, for the protection of injured periodontal tissue



- After 4 days the wound was healed and the pain at the wound site was gone.



## BlueM, for the protection of injured periodontal tissue



- After 4 days the wound was healed and the pain at the wound site was gone.