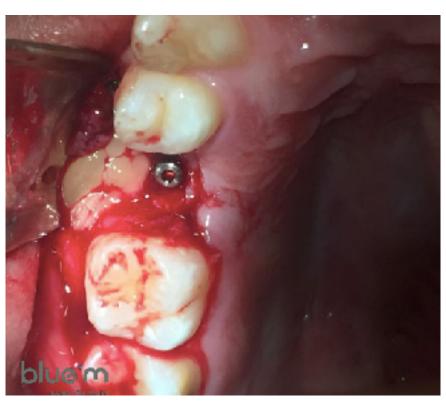


### Dr. Emilio Marquardt

- Studied Dentistry at the University de Varzea Grande
- Specialised in Oral and maxillofacial surgery and traumatology
- Professor at the University and lecturer of many courses
- On call for surgery at the Hospital Pronto-Socorro de Cuiaba
- Member of Hospital Santa Rosa de Cuiaba



- Patient with tooth absence of the 15 and 25
- L-PRF membrane placement
- Placement of a Neonatal cone implant

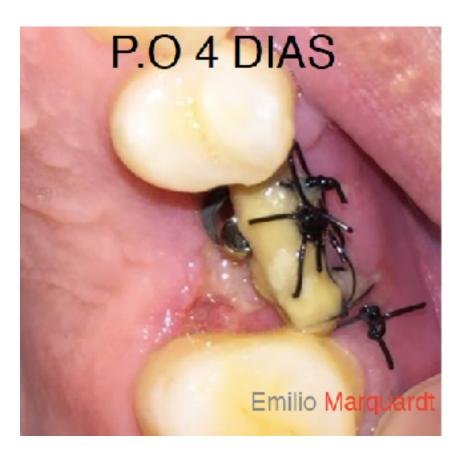


- Immediately post-operative
- Sutured with 4.0 nylon
- Antibiotic treatment (novamox)
- Analgesic cream is prescribed as a painkiller

### 4 days post-operative



- Patient used chlorhexidine on his own account
- Gingival is swollen, red and retractable
- Dehiscence of the sutures



#### 4 days post-operative

- Use of the chlorhexidine was suspended
- Patient was instructed to rinse with the blue®m mouthwash 3 times a day for 2 minutes





#### 4 days post-operative

- Patient was instructed to use the blue®m oral gel for better wound healing
- A tray was made to apply the blue®m oral gel in to be able to stay in place for 20 minutes



The result after 7 days applying the blue®m oral gel and rinsing with the blue®m mouthwash



- Neovascularisation caused by the active oxygen
- Re epithelialization of the tissue occurred

# CASE REPORT

blue for the protection of injured periodontal tissue



The result after 4 days rinsing with chlorhexidine



The result after 7 days applying the blue®m oral gel and rinsing with blue®m mouthwash