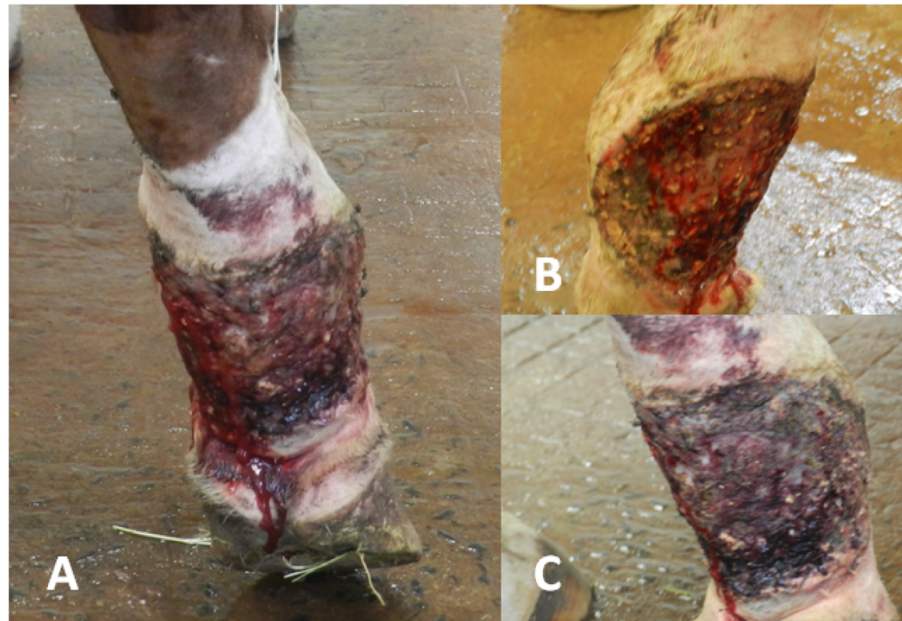
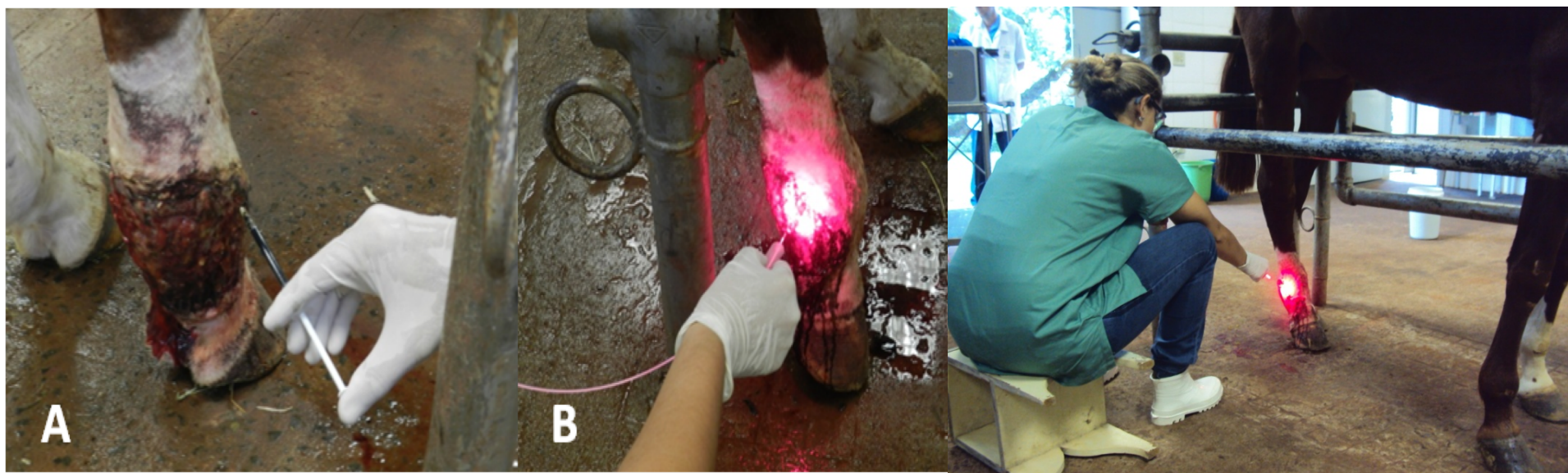


Proof of concept clinical: Case 1

Mangalarga horse from Pitangueiras-SP /Brazil with a fast progressive lesion and muscular atrophy.



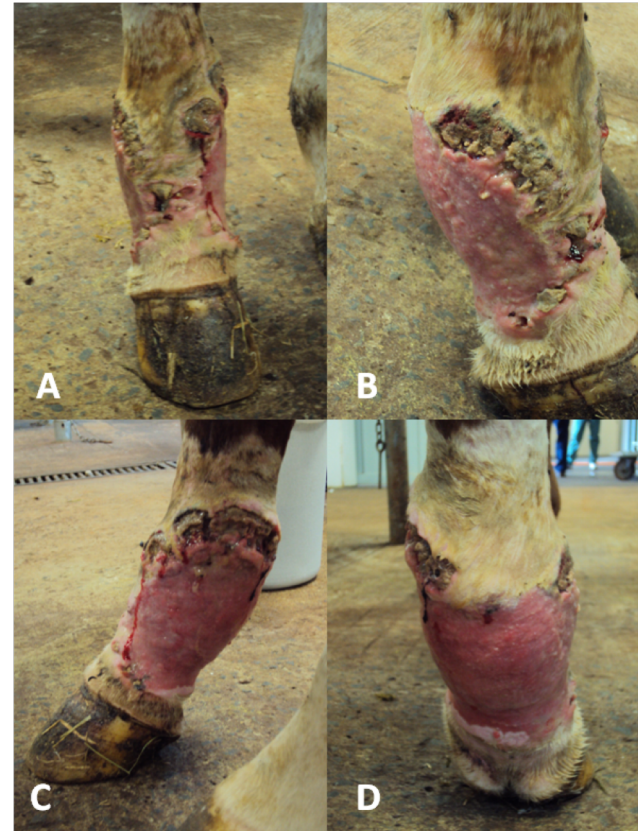
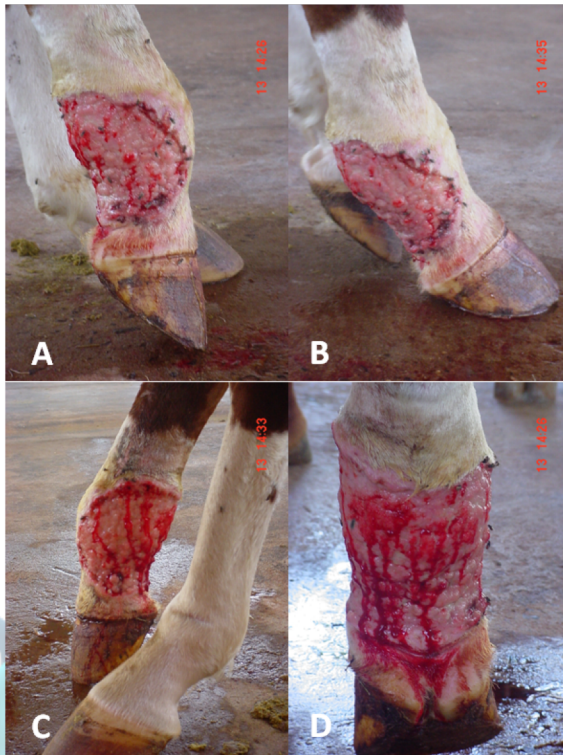
Macroscopic aspect of lesion 24 hours after surgery. Lesion is well delimited with kunkers in many regions especially in borders.



- Chlorin administered by intralesional pathway (5mg/ml – volume of 10ml);
- Irradiation with optical fiber and laser emitting at 660nm (90 mW/cm² and 200 J/cm²);
- Total irradiation time of 6 hours.

Case 1

Five days after PDT: granulation tissue; no appearance of kunkers nor active infection.



Reccurance in the upper and lateral borders was observed 15 days after PDT and a new session was done.

Fifteen days after the second PDT session

- no recurrence was observed;
- some re-epithelization areas;
- animal recovery of motor function.

