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Rubor, calor, tumor, dolor: objective assessments of inflammation

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RUBOR, CALOR, TUMOR, DOLOR

OBJECTIVE ASSESSMENTS OF INFLAMMATION

- 1 Multimodal characterization of wound healing in healthy volunteers helps to understand connections between physiological pathways and environmental factors. *(This thesis)*
- 2 Clinical imaging is a useful tool to track wound healing progression. *(This thesis)*
- 3 Pain associated with intradermal administration of drugs using microneedles is highly dependent on injection volume, formulation and operator experience. *(This thesis)*
- 4 Trans epidermal water loss is a reliable biophysical biomarker even in moist wound healing conditions. *(This thesis)*
- 5 A gold standard is to be challenged, not to be followed.
- 6 A pharmacological challenge model in healthy volunteers is not a disease model.
- 7 In skin inflammation, the spatial resolution of an imaging technique is more important than penetration depth.
- 8 A holistic approach in immunological and dermatological drug development is essential to understand the pathophysiology of the disease.
- 9 Challenge the way you use your senses if you fail to find a solution.
- 10 Although scientific knowledge used in both business development and clinical science achieves a similar AUC, in clinical science it is deep and narrow, while in business development it is shallow and broad.