

Propositions accompanying the doctoral thesis
Strategies to improve the safety of filler treatments
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1. Fillers should not only be judged on their bio compatibility but also on their degradability
This thesis
2. Most complications of permanent fillers are due to a lack in regulations combined with the naivety of the treating physician
This thesis
3. Incorporating duplex ultrasound in the daily practice of physicians performing filler treatments will enhance the safety and efficacy of these treatments
This thesis
4. The current guideline to treat vascular adverse events due to hyaluronic acid fillers, states that the entire ischemic tissue needs to be drenched with dissolvent as we do not know where the obstruction is. With duplex ultrasound we do know where the obstruction is
This thesis
5. As sonographic filler imaging is a new area, parameters to describe them will improve communication and future research outcome
This thesis
6. The diverse nature of the processes involved in the foreign body reaction favor the use of corticosteroids due to their wide spectrum action compared to other approaches as antibiotics
M Kastellorizios 2015
7. The IDEAL Collaboration (Idea, Development, Exploration, Assessment, Long-term Follow-up) foresees a pathway to evaluate new surgical procedures, devices and other interventions
RA Agha 2017
8. The European database on medical devices (EUDAMED, expected May 2021) will increase the safety of the use of medical devices by publishing and immediately distributing vigilance reports
European commission, Medical Devices, New Regulations
9. Duplex ultrasound may become the new stethoscope
J Birrane et al. Med.Sci.Educ. 2018
10. Future research studies should focus on innovative methods that will regenerate soft tissue instead of replacing it through a multidisciplinary approach that includes input from physicians, biomaterial scientists as well as engineers
Y Dahman Biomaterials Science and Technology 2019
11. Physicians performing filler treatments should take more responsibility for the medical outcome and aftercare
P Velthuis 2020