

Propositions accompanying the doctoral thesis

**Long-term follow-up of children with infantile hemangioma
Multidisciplinary reflections**

1. Despite the pharmacokinetic differences between propranolol and atenolol, children treated with either beta-blocker for infantile hemangioma do not differ in terms of the neurocognitive functioning, the physical health, and the mental health. Independent of beta-blocker type, these children show deficits in the aforementioned developmental domains. *(This thesis)*
2. The difference of more than 10 IQ points to the detriment of males treated with beta-blockers for infantile hemangioma is substantial and warrants concern. *(This thesis)*
3. The visibility of the infantile hemangioma is not related to the mental health of the child at primary school age. *(This thesis)*
4. According to physicians and parents, optimal long-term esthetic outcome of infantile hemangioma requires early treatment and patience. *(This thesis)*
5. *It takes a village to raise a child* – systemic treatment of infantile hemangioma requires a systemic approach. *(This thesis)*
6. We cannot assume that children with infantile hemangioma are otherwise healthy, as the etiology is complex and still poorly understood.
7. Communicating uncertainties is an uncomfortable, but an essential component of Shared Decision Making.
8. “Long-term follow-up is essential in a population with a long life-span/life-expectancy and medicines may have a specific impact on development and maturation of the skeletal, neural, sexual, and immune systems.” *World Health Organization, 2007*
9. “The term ‘off-label’ does not imply an improper, illegal, contraindicated, or investigational use. Therapeutic decision-making must always rely on the best available evidence and the importance of the benefit for the individual patient.” *Neville et al., 2014*
10. “A need to experience beauty may be universal, but the manifestation of what constitutes beauty certainly is not.” *Conway & Rehding, 2013*
11. “Injuries are our best teachers.” *Scott Jurek*

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