

*Doctor should I be worried?*

Recognizing common and uncommon birthmarks

(Handout: Price, HN; 2019)

Hemangiomas and vascular birthmarks:

1: Harter N, Mancini AJ. Diagnosis and Management of Infantile Hemangiomas in the Neonate. *Pediatr Clin North Am*. 2019 Apr;66(2):437-459. doi: 10.1016/j.pcl.2018.12.011. Review. PubMed PMID: 30819347.

2: Johnson EF, Davis DM, Tollefson MM, Fritchie K, Gibson LE. Vascular Tumors in Infants: Case Report and Review of Clinical, Histopathologic, and Immunohistochemical Characteristics of Infantile Hemangioma, Pyogenic Granuloma, Noninvoluting Congenital Hemangioma, Tufted Angioma, and Kaposiform Hemangioendothelioma. *Am J Dermatopathol*. 2018 Apr;40(4):231-239. doi: 10.1097/DAD.0000000000000983. Review. PubMed PMID: 29561329.

3: Smith CJF, Friedlander SF, Guma M, Kavanaugh A, Chambers CD. Infantile Hemangiomas: An Updated Review on Risk Factors, Pathogenesis, and Treatment. *Birth Defects Res*. 2017 Jul 3;109(11):809-815. doi: 10.1002/bdr2.1023. Epub 2017 Apr 12. Review. PubMed PMID: 28402073; PubMed Central PMCID: PMC5839165.

4: Garzon MC, Epstein LG, Heyer GL, Frommelt PC, Orbach DB, Baylis AL, Blei F, Burrows PE, Chamlin SL, Chun RH, Hess CP, Joachim S, Johnson K, Kim W, Liang MG, Maheshwari M, McCoy GN, Metry DW, Monrad PA, Pope E, Powell J, Shwayder TA, Siegel DH, Tollefson MM, Vadivelu S, Lew SM, Frieden IJ, Drolet BA. PHACE Syndrome: Consensus-Derived Diagnosis and Care Recommendations. *J Pediatr*. 2016 Nov;178:24-33.e2. doi: 10.1016/j.jpeds.2016.07.054. Epub 2016 Sep 19. Review. PubMed PMID: 27659028.

5: Zallmann M, Leventer RJ, Mackay MT, Ditchfield M, Bekhor PS, Su JC. Screening for Sturge-Weber syndrome: A state-of-the-art review. *Pediatr Dermatol*. 2018 Jan;35(1):30-42. doi: 10.1111/pde.13304. Epub 2017 Oct 16. Review. PubMed PMID: 29034507.

6: Rozas-Muñoz E, Frieden IJ, Roé E, Puig L, Baselga E. Vascular Stains: Proposal for a Clinical Classification to Improve Diagnosis and Management. *Pediatr Dermatol*. 2016 Nov;33(6):570-584. doi: 10.1111/pde.12939. Epub 2016 Jul 25. Review. PubMed PMID: 27456075.

Pigmented and non-pigmented birthmarks:

1. Habeshian KA, Kirkorian AY. Common Neonatal Skin Lesions: Melanocytic Nevi, Pigment Alterations, and Nonmelanocytic Nevi. *Pediatr Ann.* 2019 Jan 1;48(1):e23-e29. doi: 10.3928/19382359-20181207-01. Review. PubMed PMID: 30653639.
2. Conlon JD, Drolet BA. Skin lesions in the neonate. *Pediatr Clin North Am.* 2004 Aug;51(4):863-88, vii-viii. Review. PubMed PMID: 15275979.
3. Benjamin LT. Birthmarks of medical significance in the neonate. *Semin Perinatol.* 2013 Feb;37(1):16-9. doi: 10.1053/j.semperi.2012.11.007. Review. PubMed PMID: 23419758.
4. Manning JR, Lee DH. Uncommon Neonatal Skin Lesions. *Pediatr Ann.* 2019 Jan 1;48(1):e30-e35. doi: 10.3928/19382359-20181212-02. Review. PubMed PMID: 30653640.
5. Habeshian KA, Kirkorian AY. Common Neonatal Skin Lesions: Melanocytic Nevi, Pigment Alterations, and Nonmelanocytic Nevi. *Pediatr Ann.* 2019 Jan 1;48(1):e23-e29. doi: 10.3928/19382359-20181207-01. Review. PubMed PMID: 30653639.
5. Siegel M, Lee LW. Neonatal Skin Emergencies. *Pediatr Ann.* 2019 Jan 1;48(1):e36-e42. doi: 10.3928/19382359-20181210-03. Review. PubMed PMID: 30653641.