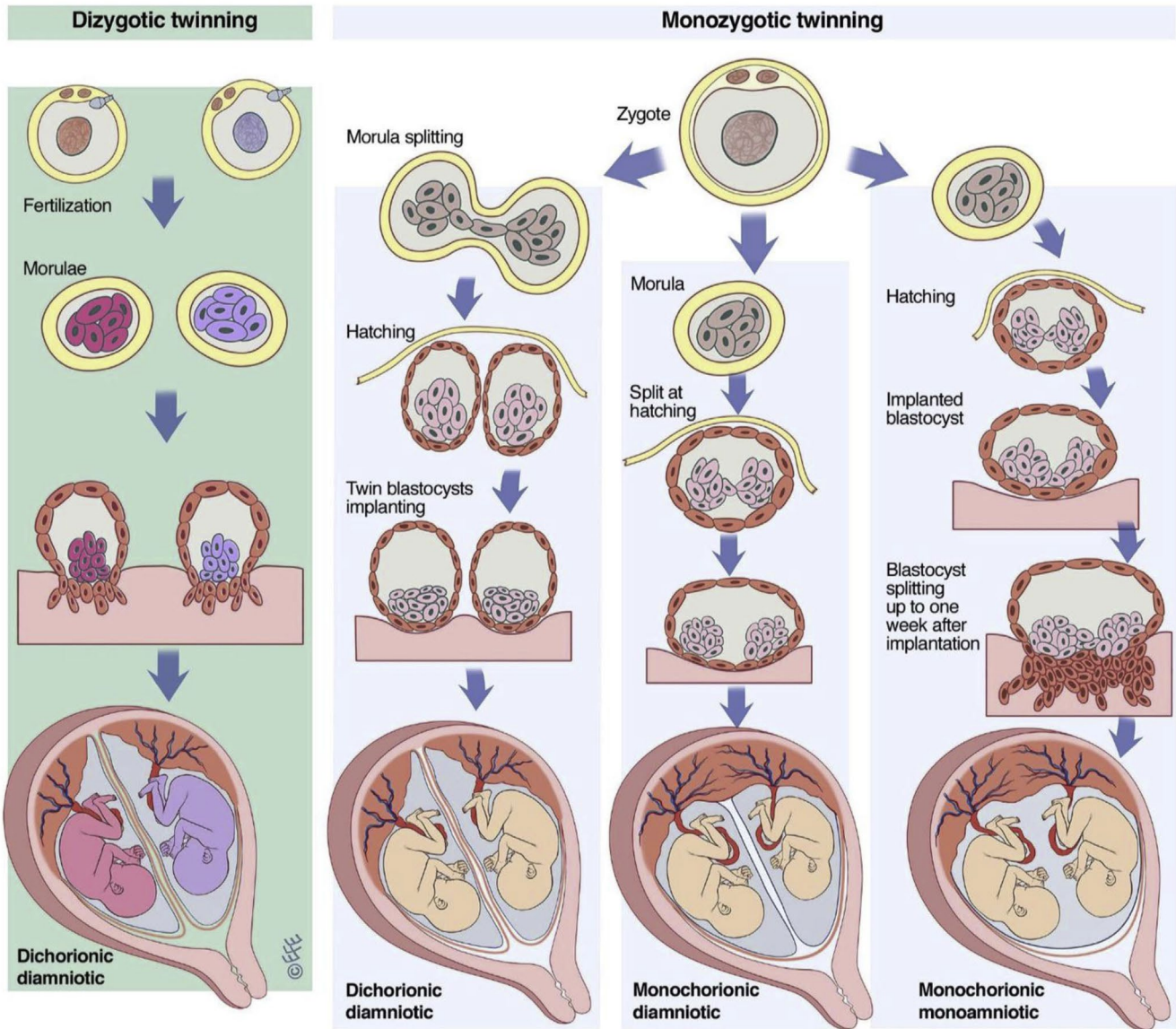


Types of Twinning



Dizygotic twins are the product of 2 distinct fertilization events, resulting in dichorionic diamniotic twins with each conceptus developing to become a genetically distinct individual. Monozygotic twins result from postzygotic splitting of the product of a single fertilization event. Splitting on days 1–3 (up to the morula stage) results in dichorionic diamniotic twins, on days 3–8 (during which blastocyst hatching occurs) in monozygotic diamniotic twins, on days 8–13 in monozygotic monoamniotic twins, and if no split has occurred by day 13, in conjoined twins (not shown). In this diagram, 2 of the 3 oocyte-derived polar bodies are shown at the zygote stage.

McNamara. *Typical and atypical twinning. Am J Obstet Gynecol* 2016.