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Second week of development

The second week of human development is about the implantation process and blastocyst differentiation. All the cells produced from the initial fertilization event are defined as the conceptus and will include cells with both embryonic and extra embryonic future. In the conceptus, this is a period of blastocyst hatching rapid blastocyst differentiation into embryonic and extra embryonic tissues and proliferation. In placental animals this is the first physical interaction between the conceptus and the maternal uterine wall with adplantation and the commencement of implantation.