

Resume

The main topic of my thesis is relatively new technology, which greatly effects treatment of involuntarily childless couples all over the world. Children are being born due to modern methods of assisted reproduction for nearly thirty years. The chosen subject doesn't represent only enormous development in the field of reproduction in medical science but also an important factor, that influences demographical trends in selected developed countries. Great increase in the use of assisted reproduction appeared especially in the recent years and in this project I would like to analyze the reasons. I would also like to evaluate the recent trends in postponement of motherhood, postponement of family life and the state of infertility in the developed countries. And last but not least I will try to estimate the impact on fertility rates, not only in the Czech Republic but also in the other world regions. Obtaining relevant data about new reproductive techniques is rather complicated and that might be the reason why such topic is still much underestimated or even neglected.