

Turner Syndrome Foundation

Affects 1 in 2000 Females

“FERTILITY PRESERVATION IN FEMALES WITH TURNER SYNDROME: A COMPREHENSIVE REVIEW AND PRACTICAL GUIDELINES”

Review Provides Guidelines for Practitioners with Turner Syndrome Patients

Turner Syndrome is a common chromosome anomaly occurring in one in 2,000 females. Women living with Turner Syndrome are at an extremely high risk for infertility; however, with new and growing technologies there are more options for these women to preserve their chances at fertility. To maximize the advantages of fertility preservation, girls diagnosed with Turner Syndrome should see specialists as early as possible before ovarian reserves have been depleted. This article seeks to provide practical guidelines for the practitioner in this early stage.

For those who are unable to carry their own child due to cardiac complications that often arise in TS pregnancies, this manuscript provides guidelines for gestational surrogacy as an alternative. Lastly, for women who have already lost their ovarian reserve or choose not to carry a pregnancy due to the high risk associated, oocyte or embryo donation and adoption are listed as viable options to become a parent.

The manuscript is the first of its kind in the United States to provide guidelines for preserving fertility in females with Turner Syndrome. It is the hope that, with this document, families and TS women will be aware of the fertility options available and medical professionals will have the necessary resources to guide families in making informed decisions. Medical professionals can utilize this paper to begin the discussion of fertility with their patients as soon as possible to ensure the best outcome. The sooner intervention begins, the healthier the outcome will be.

This review was led by Kutluk Oktay, M.D., Ph.D., a professor of Obstetrics and Gynecology of the School of Medicine at New York Medical College (NYMC) and world-renowned infertility specialist.

Contributing authors also include Karen Berkowitz, M.D., Richard Bronson, M.D., Peter McGovern, M.D., Lubna Pal, M.D., Gwendolyn Quinn, Ph.D., and Karen Rubin, M.D. In addition, Giuliano Bedeschi, M.D., and Banafsheh Kashani, M.D., contributed as fellows. Contacts of the authors are highlighted on an attached sheet.

The establishment of this document was initiated by the Turner Syndrome Foundation, a non-profit patient advocacy organization. The goal of TSF is to increase professional awareness and education to improve medical care for girls and women with TS. Although TSF commissioned the writing of this document, it does not maintain an official position on its content.

Turner Syndrome Foundation has acquired open access of this document. To access, please click here: <http://www.sciencedirect.com/science/article/pii/S1083318815003575>

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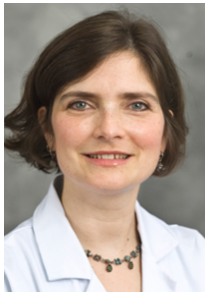
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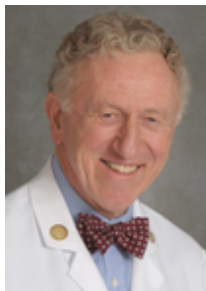
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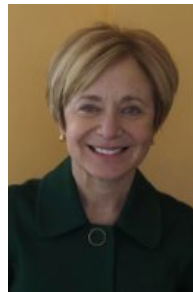
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Serving the TS Community

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