# Making Cancer History\*

### MDAnderson Fertility Sparing Treatment (for Gynecologic Malignancies and Pre-malignancies)

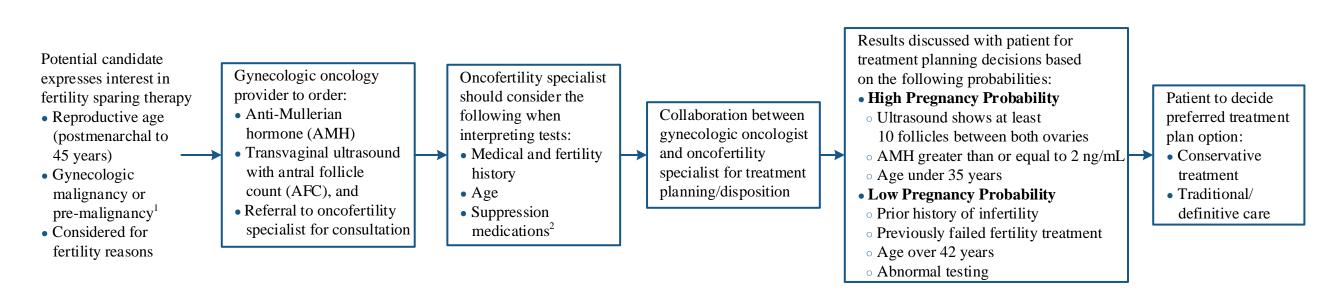
### Page 1 of 4

Department of Clinical Effectiveness V2

Disclaimer: This algorithm has been developed for MD Anderson using a multidisciplinary approach considering circumstances particular to MD Anderson's specific patient population, services and structure, and clinical information. This is not intended to replace the independent medical or professional judgment of physicians or other health care providers in the context of individual clinical circumstances to determine a patient's care.

#### **INITIAL** PRESENTATION

#### **EVALUATION**



<sup>1</sup> Endometrial hyperplasia, early endometrial cancer, early cervical cancer, early ovarian cancer, borderline tumors, etc.

<sup>2</sup> Hormonal contraception, chronic corticosteroid use

# Making Cancer History®

## MDAnderson Fertility Sparing Treatment (for Gynecologic Malignancies and Pre-malignancies)

Disclaimer: This algorithm has been developed for MD Anderson using a multidisciplinary approach considering circumstances particular to MD Anderson's specific patient population, services and structure, and clinical information. This is not intended to replace the independent medical or professional judgment of physicians or other health care providers in the context of individual clinical circumstances to determine a patient's care.

#### **APPENDIX A: Patient Education and Websites**

#### MDACC Patient Education (available through Patient Education Online)

- Fertility Preservation Options for Men and Women
- Fertility Options for Women During Cancer Treatment
- Pathfinder-Fertility and Cancer: Provides a list of pamphlets, books and websites that are available to patients.

## Making Cancer History\*

## MDAnderson Fertility Sparing Treatment (for Gynecologic Malignancies and Pre-malignancies)

Disclaimer: This algorithm has been developed for MD Anderson using a multidisciplinary approach considering circumstances particular to MD Anderson's specific patient population, services and structure, and clinical information. This is not intended to replace the independent medical or professional judgment of physicians or other health care providers in the context of individual clinical circumstances to determine a patient's care.

#### SUGGESTED READINGS

American Society for Reproductive Medicine and the Society for Assisted Reproductive Technology. (2013). Mature oocyte cryopreservation: a guideline.

*Fertility and Sterility*, 99(1):0015-0282.

- Anderson, R. A., & Wallace, W. H. B. (2013). Antimüllerian hormone, the assessment of the ovarian reserve, and the reproductive outcome of the young patient with cancer. Fertility and Sterility, 99(6), 1469-1475.
- Bedoschi, G., & Oktay, K. (2013). Current approach to fertility preservation by embryo cryopreservation. Fertility and sterility, 99(6), 1496-1502. PMID: 23535505
- Cakmak, H., & Rosen, M. P. (2013). Ovarian stimulation in cancer patients. Fertility and Sterility, 99(6), 1476-1484. PMID: 23635348
- Cobo, A., Garcia-Velasco, J. A., Domingo, J., Remohí, J., & Pellicer, A. (2013). Is vitrification of oocytes useful for fertility preservation for age-related fertility decline and in cancer patients?. Fertility and Sterility, 99(6), 1485-1495. PMID: 23541405
- Donnez, et al. (2013). Introduction: fertility preservation, from cancer to benign disease to social reasons: the challenge of the present decade. Fertility and Sterility, 99(6):1467-8. PMID: 23635347
- Eskander, R. N., Randall, L. M., Berman, M. L., Tewari, K. S., Disaia, P. J., & Bristow, R. E. (2011). Fertility preserving options in patients with gynecologic malignancies. American Journal of Obstetrics and Gynecology, 205(2), 103-110.
- Georgescu, E. S., Goldberg, J. M., du Plessis, S. S., & Agarwal, A. (2008). Present and future fertility preservation strategies for female cancer patients. Obstetrical & Gynecological Survey, 63(11), 725-732.
- Kidger, J., Murdoch, J., Donovan, J. L., & Blazeby, J. M. (2009). Clinical decision-making in a multidisciplinary gynaecological cancer team: a qualitative study. BJOG: An International Journal of Obstetrics & Gynecology, 116(4), 511-517.
- Marhhom, E., & Cohen, I. (2007). Fertility preservation options for women with malignancies. *Obstetrical & Gynecological Survey*, 62(1), 58-72.
- National Comprehensive Cancer Network. (2017) Clinical Practice Guidelines for Adolescent and Young Adult (AYA) Oncology. (Version 1.2017). https://www.nccn.org/patients/ guidelines/ava/files/assets/basic-html/page-1.html#. Accessed May 30, 2018
- Oktay, K., Harvey, B. E., Partridge, A. H., Quinn, G. P., Reinecke, J., Taylor, H. S., ... & Loren, A. W. (2018). Fertility preservation in patients with cancer: ASCO clinical practice guideline update. Journal of Clinical Oncology, 36(19):1994-2001.
- Sainio, C., Eriksson, E., & Lauri, S. (2001). Patient participation in decision making about care: The cancer patient's point of view. *Cancer Nursing*, 24(3), 172-179.
- Tomao, F., Peccatori, F., Del Pup, L., Franchi, D., Zanagnolo, V., Panici, P. B., & Colombo, N. (2016). Special issues in fertility preservation for gynecologic malignancies. Critical Reviews in Oncology/Hematology, 97, 206-219.
- West, E. R., Zelinski, M. B., Kondapalli, L. A., Gracia, C., Chang, J., Coutifaris, C., ... & Woodruff, T. K. (2009). Preserving female fertility following cancer treatment: current options and future possibilities. Pediatric Blood & Cancer, 53(2), 289-295.



### MDAnderson Fertility Sparing Treatment (for Gynecologic Malignancies and Pre-malignancies)

Disclaimer: This algorithm has been developed for MD Anderson using a multidisciplinary approach considering circumstances particular to MD Anderson's specific patient population, services and structure, and clinical information. This is not intended to replace the independent medical or professional judgment of physicians or other health care providers in the context of individual clinical circumstances to determine a patient's care.

#### **DEVELOPMENT CREDITS**

This practice consensus statement is based on majority expert opinion of the Fertility Sparing Treatment for Gynecologic Malignancies and Pre-malignancies Workgroup at the University of Texas MD Anderson Cancer Center for the patient population. These experts included:

> Olga Fleckenstein\* Deborah A Holman, RN, MSN, WHNP-BC (Gynecologic Oncology & Reproductive Medicine) Jeffrey A. Lockett, BSN, RN<sup>•</sup> Pamela Soliman, MD (Gynecologic Oncology & Reproductive Medicine) Terri Lynn Woodard, MD (Gynecologic Oncology & Reproductive Medicine)<sup>T</sup>

<sup>T</sup>Core Development Team \*Clinical Effectiveness Development Team