

## TREATMENT OPTIONS TO PRESERVE FERTILITY IN WOMEN

METHOD	DESCRIPTION	ADVANTAGES	DISADVANTAGES	EFFICACY	APPROX. COST
GnRH	Monthly injection to induce pre-pubertal state	May decrease damage by chemotherapy	Of no benefit in pre-pubertal girls or with radiation	May decrease oocyte loss by 40%	\$600-900/month
Ovarian Pexy	Laparoscopically moving the ovaries outside the field of irradiation	Minor surgical procedure	<ul style="list-style-type: none"> <li>•Requires surgery</li> <li>•Not effective with chemotherapy</li> <li>•Ovary may migrate</li> <li>•Blood supply for ovary may decrease</li> </ul>	<ul style="list-style-type: none"> <li>•May decrease the dose of irradiation to the ovary to 10%</li> <li>•ovarian failure ranges (30-80%)</li> </ul>	\$5,000
Ovarian Tissue Banking	<ul style="list-style-type: none"> <li>•Laparoscopically remove ovarian tissue or ovaries and freeze</li> <li>•Maturation of eggs in the future by transplantation or <i>in vitro</i> methods</li> </ul>	<ul style="list-style-type: none"> <li>•Many oocytes preserved</li> <li>•Does not require stimulation</li> <li>•Does not delay cancer treatment</li> <li>•Appropriate for pre-pubertal girls</li> </ul>	<ul style="list-style-type: none"> <li>•Requires surgery</li> <li>•Eggs within the ovarian tissue need maturation before use</li> <li>•Limited efficacy</li> </ul>	4 human pregnancies to date	\$5,000
Oocyte Freezing	<ul style="list-style-type: none"> <li>•Stimulation of ovaries with gonadotropins</li> <li>•Egg retrieval</li> <li>•Freeze mature unfertilized eggs</li> </ul>	<ul style="list-style-type: none"> <li>•Clinical efficiency proven and improving</li> <li>•Appropriate for single young women</li> </ul>	<ul style="list-style-type: none"> <li>•Requires 2-6 weeks for stimulation and retrieval</li> <li>•Not appropriate for pre-pubertal girls</li> </ul>	•200 pregnancies worldwide	\$8,000-10,000*
Embryo Freezing	<ul style="list-style-type: none"> <li>•Stimulation of ovaries with gonadotropins</li> <li>•Retrieve eggs</li> <li>•Fertilize with partner's or donor sperm</li> </ul>	Proven	<ul style="list-style-type: none"> <li>•Requires 2-6 weeks for stimulation</li> <li>•Not appropriate for pre-pubertal girls</li> <li>•Requires sperm</li> <li>•Limited number of embryos can be banked</li> </ul>	20-45% pregnancy/embryo transfer	\$8,000-10,000*

\*Price may be offset by financial aid. Please phone our clinic for details.

More information available on [www.fertilityoregon.com](http://www.fertilityoregon.com) and [www.fertilehope.org](http://www.fertilehope.org)