

**TESTICULAR TISSUE CRYOPRESERVATION (TTCP)  
 ELIGIBILITY CRITERIA**

**Please note: This is a summary. Further details can be provided upon request.**

**1. Patient Demographics:**

- Pre – pubertal male patients
- Prognosis – treatment intent - curative
- Cryopreservation procedure possible without unacceptable delay to definitive treatment i.e. within 7 days of referral
- Patient fit enough to undergo general anaesthetic and surgery

**2. Treatment modalities:**

The following treatments on their own or in combination place patients at significant/high risk of infertility. Patients who fall into the categories below are eligible for testicular cryopreservation prior to starting or within the first cycle of chemotherapy.

- Whole abdomen and pelvic radiation greater or equal to 15Gy in pre pubertal boys especially in combination with any alkylating agents
- Craniospinal radiation if the testes fall into the radiation field
- TBI as part of conditioning for bone marrow transplant
- Surgical removal of both testes
- Chemotherapy regimes containing cumulative doses of the following drugs:

Cyclophosphamide >5g/m <sup>2</sup> (140mg/kg)	Melphalan 140 – 210 mg/m <sup>2</sup>
Cisplatin >400mg/m <sup>2</sup>	Busulphan 8 – 16mg/kg
Ifosfamide >60g/m <sup>2</sup>	Thiotepa 600mg/m <sup>2</sup>
	Procarbazine>4.2 g/m <sup>2</sup>

*If your patient does not meet the criteria, it may still be possible in exceptional circumstances, to refer them for TTCP after a discussion with lead TTCP or consultants at OUH.*

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