

Tables

Table 1. Baseline characteristics of our 66 patients with postchemotherapy azoospermia

| Primary disease requiring chemotherapy | No. of patients | Percentage (%) | Age at micro-TESE (years) | Time since chemotherapy (years) | FSH (mIU/mL) |
|--|-----------------|----------------|---------------------------|---------------------------------|---------------------|
| Testicular cancer | 21 | 32 | 32 (19-44) | 5 (1-22) | 24.7 (8.2-67.3) |
| ALL | 9 | 14 | 33 (20-43) | 10 (2-25) | 15.5 (10.2-42.2) |
| Hodgkin's lymphoma | 9 | 14 | 30 (22-39) | 7 (3-11) | 16.5 (6.5-44.5) |
| AML | 7 | 11 | 38 (33-43) | 12 (5-30) | 13.4 (12.4-45.2) |
| Non-Hodgkin's lymphoma | 7 | 11 | 35 (20-41) | 9 (2-22) | 18.6 (8.0-42.3) |
| Rhabdomyosarcoma | 7 | 11 | 30 (28-33) | 6 (4-10) | 26.7 (16.5-44.8) |
| Bladder cancer | 3 | 5 | 44 (40-49) | 3 (2-5) | 28.9 (24.8-39.0) |

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|-------------------|----|-----|---------------|---------------|---------------------|
| Osteosarcoma | 2 | 3 | 40 (39-41) | 18 (16-20) | 32.4 (26.4-38.4) |
| Anaplastic anemia | 1 | 2 | 33 | 30 | 39.3 |
| Total | 66 | 100 | 33 | 8 | 21.3 |

ALL, acute lymphoblastic leukemia; AML, acute myeloid leukemia; FSH, follicle-stimulating hormone; micro-TESE, microdissection testicular sperm extraction.

Data are expressed as means (min-max).

Table 2. Outcomes of microdissection testicular sperm extraction and intracytoplasmic sperm injection stratified by primary disease requiring chemotherapy

| | Sperm retrieval | | SRR (%) | No. of pregnancies | PR (%) | No. of deliveries | LBR (%) |
|------------------------|-----------------|----|---------|--------------------|--------|-------------------|---------|
| | Yes | No | | | | | |
| Testicular cancer | 11 | 10 | 52 | 7 | 33 | 6 | 29 |
| ALL | 3 | 6 | 33 | 2 | 22 | 1 | 11 |
| Hodgkin's lymphoma | 6 | 3 | 67 | 5 | 56 | 4 | 44 |
| AML | 3 | 4 | 43 | 3 | 43 | 2 | 29 |
| Non-Hodgkin's lymphoma | 3 | 4 | 43 | 3 | 43 | 2 | 29 |
| Rhabdomyosarcoma | 3 | 4 | 43 | 1 | 14 | 1 | 14 |

| | | | | | | | |
|-------------------|----|----|----|----|----|----|----|
| Bladder cancer | 1 | 2 | 33 | 1 | 33 | 1 | 33 |
| Osteosarcoma | 1 | 1 | 50 | 1 | 50 | 1 | 50 |
| Anaplastic anemia | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Total | 31 | 35 | 47 | 23 | 35 | 18 | 27 |

ALL, acute lymphoblastic leukemia; AML, acute myeloid leukemia; LBR, live birth rate; PR, pregnancy rate; SRR, sperm retrieval rate.