

*Variations in patterns of care for
retroperitoneal sarcoma: a study of the
Trans-Atlantic Australasian
Retroperitoneal Sarcoma Working Group*

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Aim

- Examine variations in patterns of care between institutions related to treatment of RPS, particularly with regard to:
 - Radiotherapy
 - Chemotherapy
 - Extent of surgery
 - Time to treatment
- To identify:
 - Consistent patterns of treatment = accepted treatment
 - Inconsistent patterns of treatment = treatment equipoise

Methods

- Retrospective review of RESAR enrolled patients
- Inclusion:
 - Curative-intent treatment for primary RPS with pre-treatment diagnosis of
 - WDLPS/DDLPS/LMS/SFT/MPNST/UPS
- Exclusion:
 - Recurrent RPS
 - Desmoid, GIST, gynae sarcoma

Variables

- **Clinicopathological features:**

- Age
- Sex
- Location (Right, left, pelvis)
- Histotype
- Size
- Grade

- **Institutional variables:**

- Volume RPS/year – high/low (> or < 13)
- Continent

- **Pre-treatment variables:**

- Biopsy – whether performed, type?
- Time to commencement of treatment

- **Surgical variables:**

- Extent of surgery – number of organs resected
- Rates of R2 resections

- **Neo/adjuvant treatment variables:**

- Radiotherapy
 - Neo or adjuvant
 - Reason if not given
- Chemotherapy
 - Neo or adjuvant
 - Reason if not given

Statistical plan

- Group patients by institution and histotype to determine frequency of:
 - Pre-treatment variables
 - Surgical variables
 - Neo/adjuvant treatment variables
- Analyse variance between institutions
- Uni and multivariable analyses to correlate any clinicopathological or institutional features with treatment approaches