

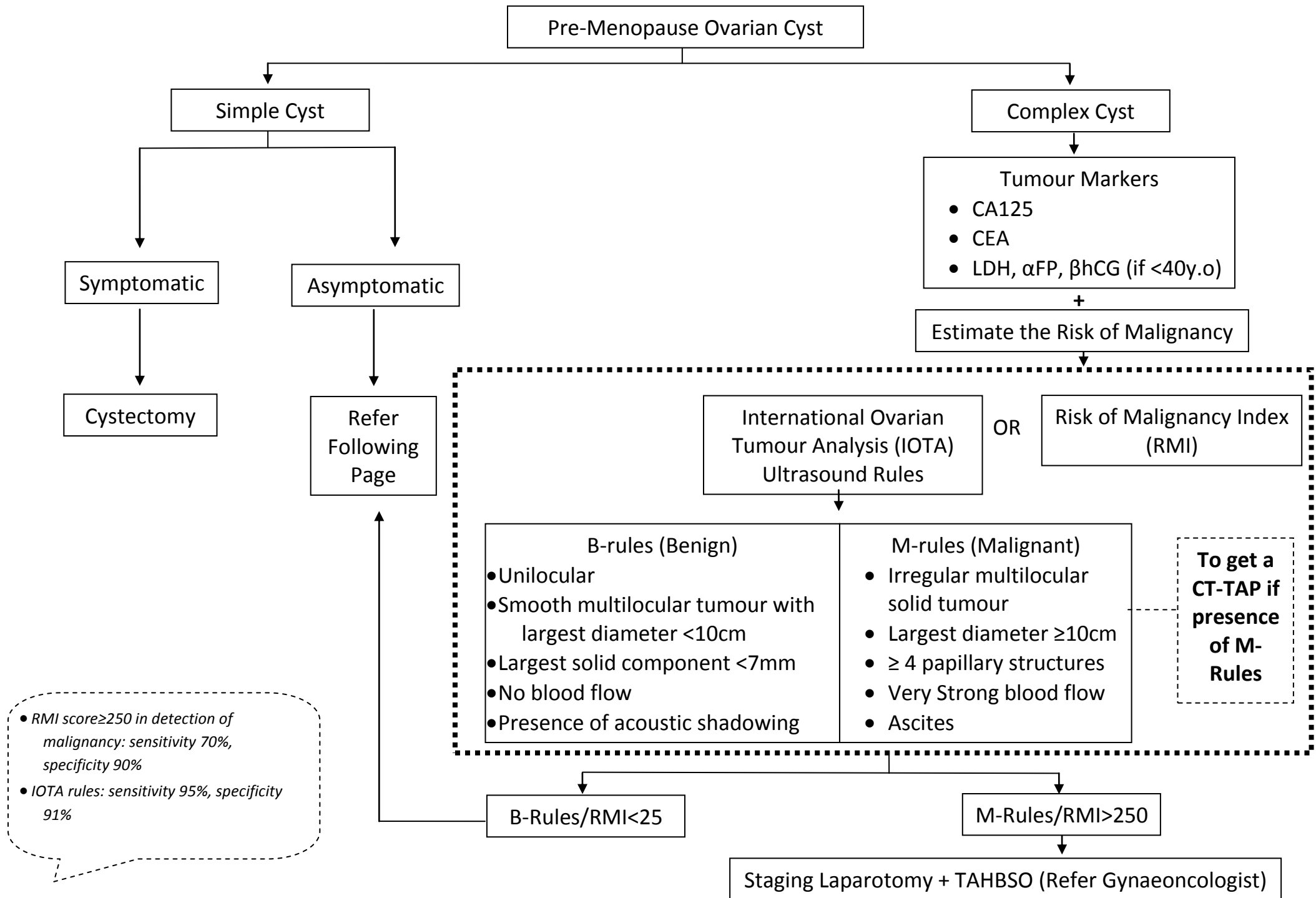
# **MANAGEMENT OF OVARIAN TUMOUR PATHWAYS**

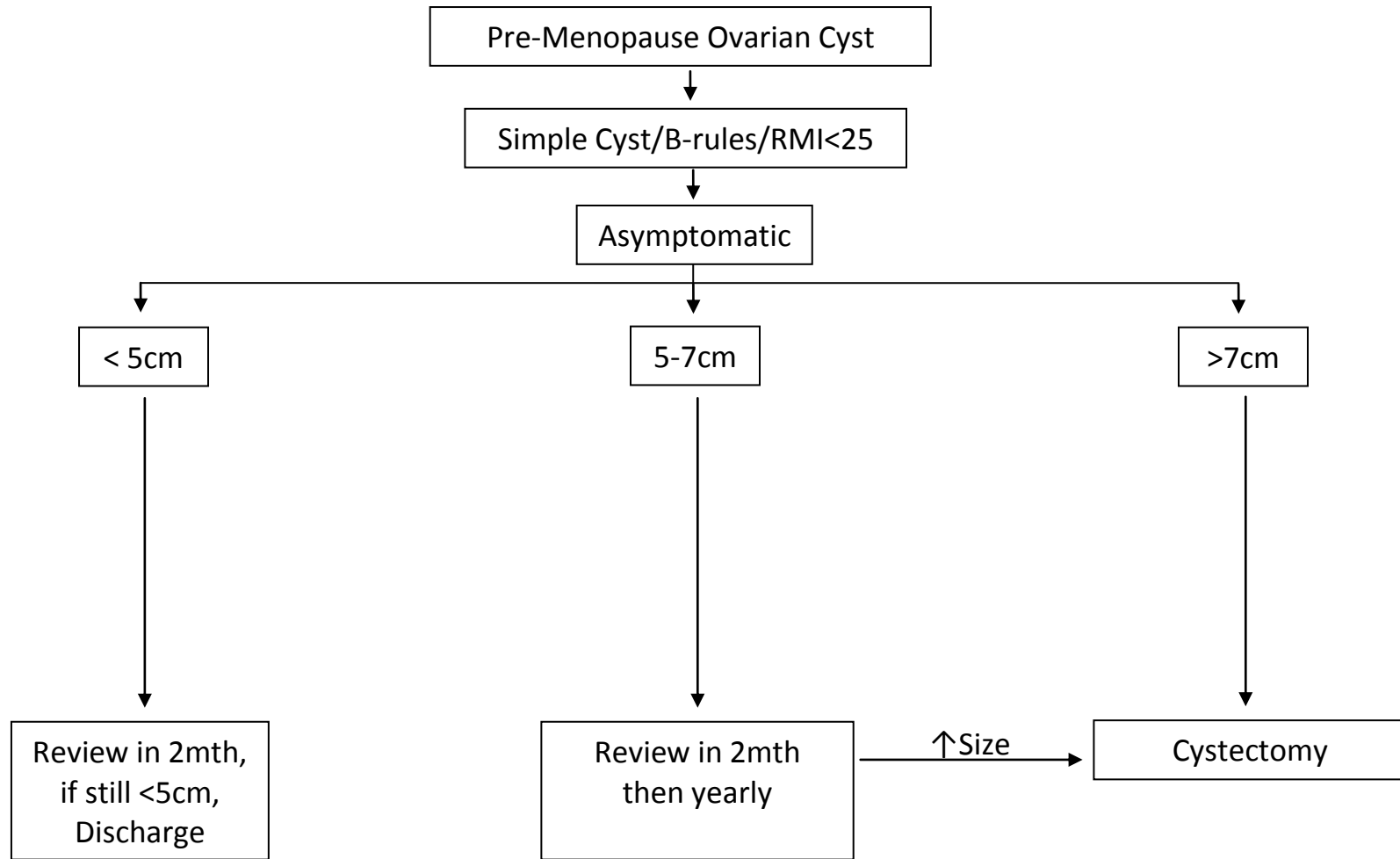
**Obstetrics & Gynaecology Department**

**Sarawak General Hospital**

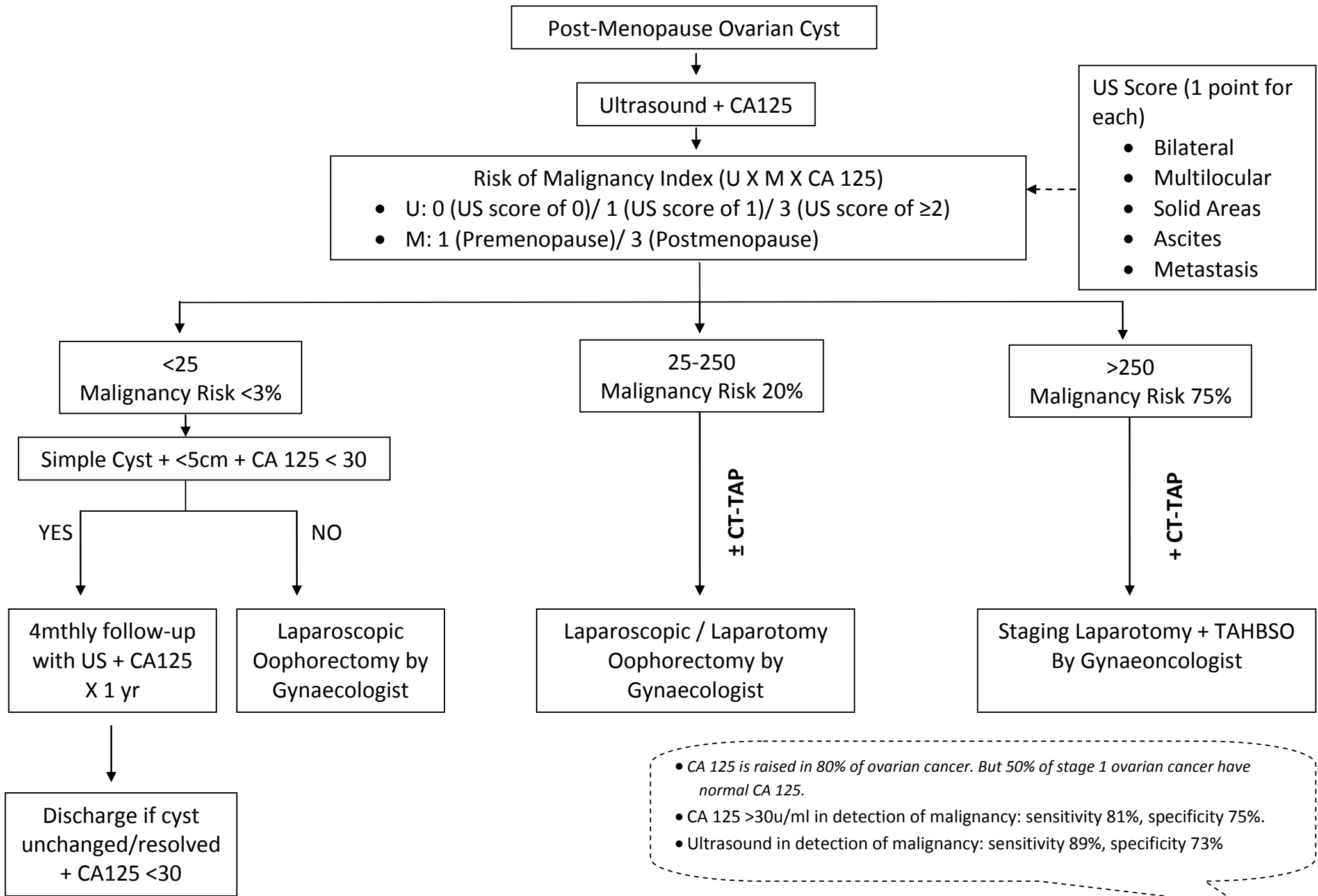
**Advisor: Dr. Sim Wee Wee**

**Prepared by: Dr. Chai Ming Cheng**





- Simple cyst <5cm is likely to be physiological and almost always resolve within 3 menstrual cycle
- Possibility of salpingoophorectomy should be discussed preoperatively.
- Aspiration of cyst is less effective and associates with high recurrence up to 84%. It is only for highly selected case.



• CA 125 is raised in 80% of ovarian cancer. But 50% of stage 1 ovarian cancer have normal CA 125.  
 • CA 125 >30u/ml in detection of malignancy: sensitivity 81%, specificity 75%.  
 • Ultrasound in detection of malignancy: sensitivity 89%, specificity 73%

Suspecting Epithelial Ovarian Cancer  
(US + CT TAP show Complex tumour with high RMI/CA 125)

Early stage (1/2)

Advance Stage (3/4)

Completed family

Possible for Optimal Cytoreduction

NO

Yes

YES

NO

Laparotomy + USO + comprehensive staging  
**(only for stage 1A/1C AND well differentiated tumour)**

Laparotomy TAHBSO + comprehensive staging

Laparotomy TAHBSO + optimal cytoreductive surgery + comprehensive staging

To get tissue biopsy diagnosis by US/CT-guided biopsy/ laparoscopic biopsy

Refer RTU for Neo-Adjuvant Chemotherapy

Refer RTU for Adjuvant Chemotherapy (Carboplatin + Paclitaxel) for stage 1C/2 or poorly differentiated tumour

Refer RTU for Adjuvant Chemotherapy

Interval Cytoreductive surgery + comprehensive

Close Follow-up with US + CA 125

- 3 mthly x 2 yrs
- 6 mthly x 3 yrs
- Yearly

