

**Student Seminar on Spread of Tumours and Clinical Aspects, Batch 2019/20**  
**20.02.2023, 10.15 am-12.15 pm at East Lecture Theater**

**Instructions for the presentations**

1. Each group is expected to do a PowerPoint presentation of 10-minute duration to cover the given objectives.
2. After each presentation there will be a friendly discussion.
3. Please allocate two students from the batch as moderators.
4. Each group can meet the allocated academic staff member to clarify doubts and get advice.
5. Please use the Pathology self-study times (SCL/SGL time) in the timetable for this activity.
6. Make sure that there are no overlaps between the presentations.

**Group A - (1,2,3,19) - Prof S. Wijetunge**

- State the methods by which malignant tumours spread.
- Explain the mechanisms by which the different methods of tumour spread occur.

**Group B – (4,5,6,20) - Prof S. Wijetunge**

- Explain the properties of a tumour cell which enable it to produce metastasis.
- Explain the host properties which favour metastasis and describe what is meant by homing effect.
- Discuss the mechanisms the body has to limit tumour spread, giving examples.

**Group C – (7,8,9) – Prof S. Wijetunge**

- Explain the clinical manifestations due to each method of tumour spread, highlighting the pathological basis; give examples.
- Discuss the role of history, examination, and investigation findings to detect extent of spread of tumour.

**Group D - (10,11,12) – Dr S. Sumanasekara**

- Explain the basis of tumour staging and the common staging methods available.
- Correlate tumour staging with extent of tumour spread.
- Discuss the role of tumour staging as a predictor of prognosis of a given tumour.
- Explain what is tumour grading and its clinical significance.

**Group E - (13,14,15) – Dr A. Tennakoon**

- Discuss systemic manifestations of malignant tumours, explaining the pathological basis.
- Explain paraneoplastic syndrome giving examples and outline its clinical significance.
- Explain cancer cachexia and its pathogenesis.
- Compare and contrast cancer cachexia with starvation.

**Group F - (16,17,18) - Prof R. Waduge**

- Discuss the clinical manifestation of benign tumours due to mass effect, compression and secretory function giving examples.
- Predict occasions where a benign tumour could produce lethal consequences

Head

Department of Pathology

17.01.2023

Head  
Department of Pathology  
Faculty of Medicine  
University of Peradeniya