



Department of Medical Education
Himalayan Institute of Medical Sciences
Swami Rama Himalayan University
Swami Ram Nagar, P.O. Jolly Grant, Dehradun- 248016



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HIMS/DME/2025/243

Date: 19.11.2025

Clinical Grand Round

Date : 22.11.2025
Day : Saturday

Time: 08:30 AM – 09:30 AM
Venue: Adi-Kailash Auditorium
(Near - Emergency Building)

First 10-minute Topic: “An overview of Speech -Language & Audiology Services at SRHU”

Presenter: Ms. Archana Das, Assistant Professor Audiology
(Rehabilitation Unit of Speech & Hearing, Department of ENT)

Topic: “The Synergistic Role of Cytology and Flow Cytometry in resolving a challenging clinical diagnostic dilemma”

Presenter: Dr Sumit Garg, Asst Prof, Pathology

Abstract:

Simultaneous pleural and pericardial effusion often presents a diagnostic challenge as the differential diagnosis is broad and includes infectious, metastatic carcinoma and autoimmune causes. The diagnostic dilemma is further enhanced due to overlapping clinical and radiological features. However early fluid cytopathological examination may raise suspicion of unsuspected hemato-lymphoid malignancy which can be further confirmed by subjecting the serous fluid to flow cytometry. We present a case of a 40- year-old female patient with pleural and pericardial effusions where cytology raised suspicion of hematomalymphoid malignancy. This was followed by flow cytometric analysis of the effusion fluid which confirmed the immunophenotypic presence of T lymphoblastic lymphoma thereby establishing the diagnosis. The case highlights that early integration of cytology and flow cytometry in the diagnostic algorithm of fluid effusion can significantly improve diagnostic accuracy and patient outcomes.

Programme for CGR

Topic	Speaker	Duration
Introduction	Dr Sumit Garg, Asst Prof, Pathology	05 min
Clinical Case Presentation	Dr Dhruv Gupta JR Dept. Pulmonary Medicine	05 min
Radiology Presentation	Dr Ashutosh Bhushan JR Dept. Radiology	05 min
Pathology Presentation	Dr Anam and Dr Akanksha JR Dept. Pathology	15 min
Clinical Management	Dr Abhishek JR, Dept. of Medicine	05 min
Conclusion	Dr Shalini Singh, Asst Proff, Pathology	05 min

All Faculty & Post Graduate Residents are required to attend the Clinical Grand Round.

Department: Pathology

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