



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



NAAC A+

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 Dr. Shaili Vyas.

HIMS/DME/2026/046

Date: 09.04.2026

Clinical Grand Round

Date : 11.04.2026
Day : Saturday

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

First 10-minute Topic: "Beyond the Visible: Improving surgical precision by unlocking the Potential of Indocyanine green in oncological space."

Presenter: Dr. Gurpreet Singh Behl, Assistant Professor, Surgical Oncology

Topic: Connective tissue disorder as an unusual cause of Haemoptysis

Presenter: - Dr. Sonu Sama, Associate Professor, Critical Care Medicine

Abstract: Haemoptysis, defined as the expectoration of blood from the lower respiratory tract, is a potentially life-threatening clinical presentation requiring prompt evaluation and management. The severity ranges from mild blood-streaked sputum to massive haemoptysis with significant morbidity and mortality. The aetiology is diverse and varies according to geographic and patient-specific factors. Common causes include pulmonary infections such as tuberculosis, pneumonia, and lung abscess; chronic airway diseases like bronchiectasis and chronic obstructive pulmonary disease; and primary or metastatic lung malignancies. Cardiovascular conditions, including pulmonary embolism and elevated pulmonary venous pressures (e.g., mitral stenosis), as well as systemic coagulopathies and iatrogenic factors, are also well-recognized contributors. Despite extensive diagnostic workup, a proportion of cases remain unexplained. We report a rare cause of haemoptysis due to a bronchial artery aneurysm in a patient with an inherited connective tissue disorder characterized by vascular fragility and susceptibility to spontaneous arterial rupture.

This case highlights the importance of considering rare vascular aetiologies in patients presenting with haemoptysis, particularly in the presence of underlying connective tissue disorders. While common causes must be systematically excluded, early utilization of advanced imaging modalities, especially CT angiography, is crucial for accurate diagnosis. Prompt multidisciplinary management involving pulmonologists, radiologists, and interventional specialists is essential to prevent fatal outcomes. This report adds to the limited literature on bronchial artery abnormalities as a rare but significant cause of haemoptysis in genetic connective tissue disorders and underscores the role of minimally invasive endovascular therapy in its successful management.

Programme for Clinical Grand Round:

Introduction	Dr. Sonu Sama, Associate Professor, CCM	05 Minute
Case Presentation	Dr. Amrit (SR CCM) Dr Prashant (JR3 Radiology) Dr Vaibhav (JR3 Pulmonary Medicine)	30 Minute
Discussion	Dr. Sonu Sama, Associate Professor, CCM Dr. Varuna Jethani, Associate Professor, Pulmonary Med. Dr. Mohit, Assistant Professor, Radiology	15 Minute
Quest. & Ans.		05 Minute

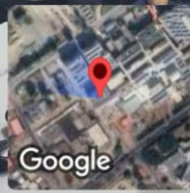
All Faculty & Post Graduate Residents are required to attend the Clinical Grand Round.

Department: Critical Care Medicine (CCM)

Convenor:
 NMC Regional Centre
 Himalayan Institute of Medical Sciences
 Swami Rama Himalayan University
 Dehradun
 Coordinator
 D.M.E.

Email Id: dme.hims@srhu.edu.in





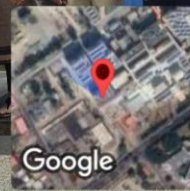
Baksar Wala, Uttarakhand, India

55r7+vp9, Joly Grant, Baksar Wala, Uttarakhand
248016, India

Lat 30.192498° Long 78.163989°

Saturday, 11/04/2026 09:05 AM GMT +05:30

GPS Map Camera



Dehradun, Uttarakhand, India

Swami Rama Himalayan University, Joly Grant,
Dehradun, Uttarakhand 248016, India

Lat 30.192476° Long 78.163965°

Saturday, 11/04/2026 09:13 AM GMT +05:30

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