



ANDHRA MEDICAL COLLEGE
VISAKHAPATNAM · DEPARTMENT OF PHYSIOLOGY

SMALL GROUP TEACHING (SGT)

Physiology of Anemia, Polycythemia and Jaundice

DATE	TIME	COMPETENCY
Thursday, 29 October 2026	2:00 PM – 4:00 PM	PY 2.5

Specific Learning Objectives (SLOs)

SLO	Learning objective
1	Define anemia. Classify anemia based on etiology (blood loss, decreased production, increased destruction) and morphology (microcytic, normocytic, macrocytic).
2	Explain the clinical features, signs and complications of anemia.
3	Define polycythemia and classify polycythemia.
4	Classify polycythemia into primary, secondary and relative types, with examples.
5	Define jaundice and describe bilirubin metabolism.
6	Explain and differentiate the types of jaundice.
7	Explain neonatal jaundice.

Batch-wise Roll Number Allocation

Batch	Roll numbers	Venue
1	145–180	CAB Seminar Hall 1 – Second floor
2	181–216	CAB Seminar Hall 2 – Second floor
3	217–250	Haematology Lab – Physiology
4	1–36	Anatomy Lecture Gallery
5	37–72	Demo Room I – Physiology
6	73–108	Demo Room II – Physiology
7	109–144	Physiology Gallery

Faculty & Postgraduate Allocation

Batch-wise teaching and facilitation assignments

Batch	Faculty	Postgraduate students (PGs)
1	Dr. Sai	Dr Pushpitha, Dr. Praveena, Dr Vamsi
2	Dr. PSN Raju	Dr Ashok, Dr. Keerthy, Dr Rachana
3	Dr. Rajesh	Dr Chandana, Dr. Sowjanya, Dr Sadhana
4	Dr. Priya	Dr. Rajini, Revathi, Dr Satya Priyanka
5	Dr. Nihal	Dr Gayatri, Dr. Shikhara, Dr Ganesh
6	Dr. Taraka Lakshmi	Dr Gunasree, Dr Dileep, Dr. Rajesh
7	Dr. Amar Sandeep	Dr Jayesh, Dr Venkata Lakshmi, Dr Sudheer

SESSION FOCUS
Small-group discussion of anemia, polycythemia and jaundice, aligned with competency PY 2.5.

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