



ANAEMIA IN PREGNANCY

SANA
(6th SEMESTER)



PREGNANCY – MOST DANGEROUS JOURNEY OF MANKIND

- Anemia begins in childhood, worsens during adolescence in girls & gets aggravated during pregnancy.



OBJECTIVES

A photograph of four pregnant women standing together, smiling and touching their bellies. They are dressed in casual t-shirts in shades of purple, pink, teal, and yellow. The background is plain white.

➤ **Introduction**

➤ **Definition**

➤ **Incidence**

➤ **Classification**

ANEMIA

The background of the slide is a 3D rendering of a blood vessel. The vessel walls are shown as a textured, reddish-brown surface. Inside the vessel, numerous red blood cells are depicted as biconcave discs, varying in size and focus. Some are in sharp focus in the foreground, while others are blurred in the background, creating a sense of depth. The overall color palette is dominated by shades of red and dark red.

•Introduction:

Anemia is the commonest medical and nutritional disorder in pregnancy.

It may be a direct consequence of pregnancy or just an associated condition which is unmasked or worsened by pregnancy.

It is the major health problem through out the world especially in developing countries.

ANEMIA ?????

Definition:

Anemia- It is decrease in Hb level <10 gm/dl

- ✓ **WHO definition-** Hb level <11 gm/dl.
- ✓ **CDC definition** – Hb level <11 gm/dl in 1st and 3rd trimesters and <10.5 gm/dl in 2nd trimester.

	ICMR	WHO
MILD	10-11 g/dl	10-10.9g/dl
MODERATE	7-10g/dl	7.9-9g/dl
SEVERE	4-7g/dl	<7g/dl
VERY SEVERE	<4g/dl	-

Magnitude of Problem

- ◆ Globally, is about 30 %
- ◆ In developing countries & India, incidence is around 40 – 90%.
- ◆ Responsible for 40% of maternal deaths in third world countries.
- ◆ Important cause of direct and indirect maternal deaths



World

population: 5-6 billion
2 billion anemic

Developing Countries:

9 out of 11 pt are anemic.
Every second preg. Woman
4 out of 10 pre school

MAGNITUDE OF THE PROBLEM

India:

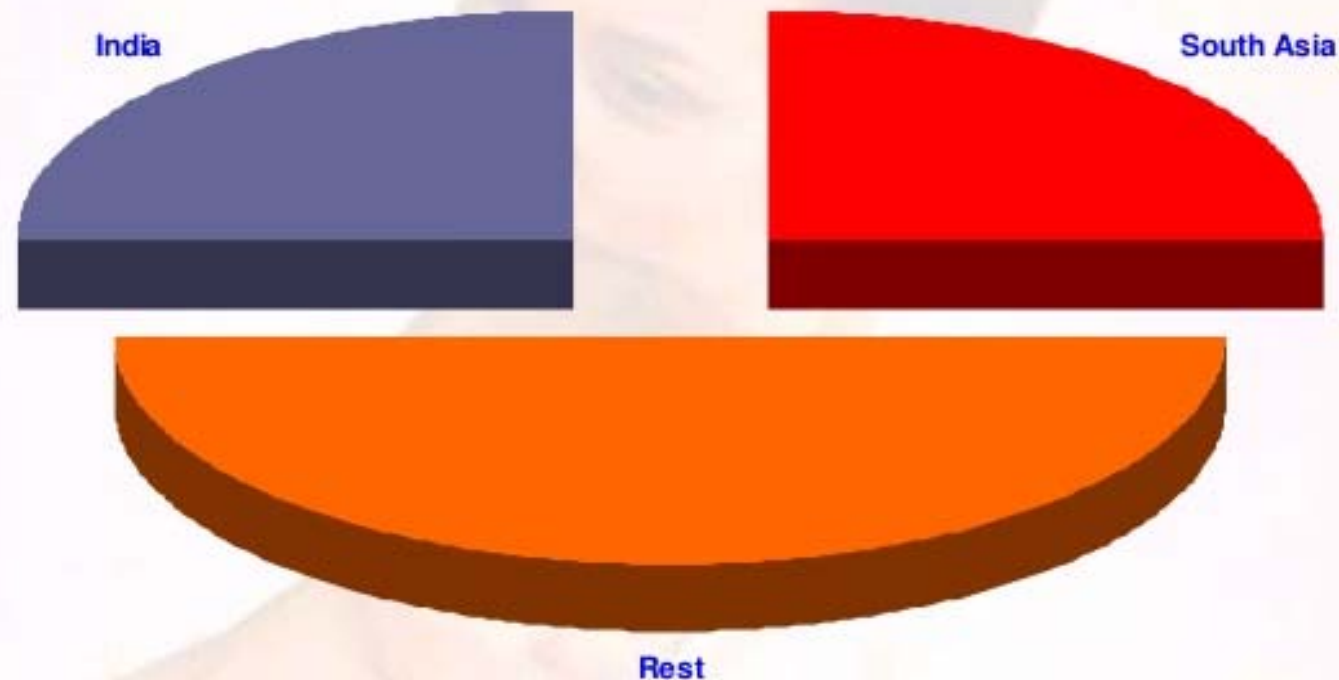
Highest prevalence

87% preg women

10% severe anemia

1 in 5 maternal deaths

ANNUAL MATERNAL DEATHS - GLOBALLY TOTAL 500,000



■ South Asia ■ Rest ■ India

75% : Hemorrhage ; Abortion ; Eclampsia ; Sepsis ; Obs. Labour.

ANAEMIA : Direct cause contributes 20%

Indirect cause further 20%

CLASSIFICATION ON

Anemia

Pathological

Physiological

Deficiency anemia

Hemorrhagic

Hereditary

BM insufficiency

Anemia of infection

Chronic disease



Physiological :

Pathological :





A photograph of four pregnant women standing together, smiling and touching each other's bellies. They are dressed in casual t-shirts in purple, pink, teal, and yellow. The background is plain white.

BONE MARROW INSUFFICIENCY:
Hypoplasia/Aplasia.

ANEMIA OF INFECTION:

CHRONIC DISEASE/NEOPLASM:



THANK YOU

