



PREGNAN CY SIGN

BEAUTY PRADHAN

OBG

PREGNANCY SIGN

▶ BASIC SIGN

- AMENORRHOEA: present in complete pregnancy.
- MORNING SICKNESS: Nausea and vomiting induced by HCG.
- URINARY FREQUENCY: Increased frequency is mainly present 1st and 3rd trimester. A secondary reason is hypovolemia (Abnormal decrease in the volume of blood plasma).
- BREAST CHANGES: Mammary gland growth due to regular presence of estrogen.

1st TRIMESTER (0-12WK)

- ▶ **GOODELL'S SIGN(6WK):** softening of cervix related to increased mucus production.
- ▶ **OSCIENDER SIGN(8WK):** feeling pulsation in lateral fornix, which is the result of compression.
- ▶ **CHADWICK/JACQUEMIER'S (8WK):** bluish discoloration of vagina related to decreased venous return.
- ▶ **HEGAR SIGN(6-10WK):** softening of the lower uterine segment indicates normal penetration.
- ▶ **PISKACEK'S SIGN(0-12WK):** asymmetrical enlargement and hardness in the lower uterine segment indicate lateral implantation.
- ▶ **MC DONALD:** flexible uterus(7-8wk) which is the result of Change in uterine shape.
- ▶ **PALMER SIGN(4-8WK):** feeling of contraction which are not original movement, these are the results of all those movements occurring in the uterine part (form cell,blood vessels, increased in muscle mass).
- ▶ **LADIN SIGN:** softening of isthmus or utero-cervical junction.

2nd TRIMESTER (13-28WK)

- **QUICKENING:** first time fetal movement felt by mother at 18wk (primi) multi 16wk.
- **FETAL PART PALPATION:** start around 20wk.
- **BRAXTON HICKS CONTRACTION:** irregular, infrequent, spasmodic, without dilation, not producing effect on foetus absence in ectopic pregnancy.
- **CHLOASMA:** known as a face mask. Pigmentation over cheek, forehead at 24wk. due to increased activity of MSH Which causes melanocytes to release excess melanin particularly in high blood supply or muscle mass reach area.
- **BALLOTTEMENT:** free floating movement in AMNIOTIC fluid. If the amount of amniotic fluid is normal then movement is also normal. External ballottement per abdomen 20th wk and internal per vaginal 28th wk.

3rd TRIMESTER (29-40wk)

- ▶ **LIGHTENING:** relieve from pressure due to engagement. First time fetuses show downward descending movement which makes mother comfortable at 38 wk.

▶ PRESUMPTIVE (doubt) means a doubtful situation that has a difference from probable in which hope is more, the true indicator of probable state.

- ▶ Amenorrhea
- ▶ Morning sickness
- ▶ Breast change
- ▶ Skin change
- ▶ Quickening

▶ PROBABLE SIGN(HOPE)

- HCG hormone
- Vaginal discharge
- Ballottement
- Braxton Hicks sign
- Palmer sign
- Goodell's sign
- Hegar sign

- Chadwick's sign
- PISKACEK'S sign

POSITIVE /TRUE SIGN(CONFIRM)

- FHR
- USG
- FETAL PART PALPATION