

APPENDIX I

ANNEXURE I

STUDY OF PULMONARY FUNCTION TESTS DURING NORMAL PREGNANCY

Preliminary Information:

Serial number _____ Registration number _____ Date _____

Room temp. _____ °C Body temp. _____ °C

Barometric pressure _____ mm Hg Aqueous vapor pressure _____ mm Hg

Name _____ Occupation _____

Address _____

Socioeconomic status : High / Middle / Low

Nutritional status : Vegetarian / Nonvegetarian Habit: Smoker / Nonsmoker.

Height _____ cms Weight _____ Kg Age _____ Yrs Parity _____

Gravida _____

Last date of menstrual cycle _____ Gestational period _____

Chest circumference _____ cms

History of the patient:

H / o: Oedema / Hypertension / Convulsion / Hyperaemia / Dyspnoea /
Hyperemesis / Nausea / Any other symptom.

H / o Abortion: Spontaneous / Induced / Repeated.

H / o Intrauterine death / Premature labour.

H / o Past / Present Illness: Hypertension / Tuberculosis / Diabetes / Asthma /
Any other disorder.

H / o Past pregnancy and delivery.

Clinical examination:

Pulse Rate _____ / min

Blood pressure _____ mm Hg.

CVS : _____

Pregnancy test _____

Investigations:

Examination of Urine:

Sugar _____

Protien _____

pH _____

Blood Profile:

Hemoglobin _____ gm %

Blood Group _____

Respiratory parameters:

Respiratory rate _____ / min

Maximum voluntary ventilation _____ L / min

Tidal volume _____ ml.

Respiratory minute volume _____ L / min

Expiratory reserve volume _____ ml.

Maximum expiratory flow rate _____ L / min

Inspiratory reserve volume _____ ml.

Maximum mid expiratory flow rate _____ L / min

Inspiratory capacity _____ ml.

Maximum inspiratory flow rate _____ L / min

Vital capacity _____ ml.

Maximum mid inspiratory flow rate _____ L / min

Respiratory reserve _____ ml.

MIFR / MEFR _____

Forced expiratory vital capacity _____ ml

FIV_{0.75%} / FEV_{0.75%} _____

Forced inspiratory vital capacity _____ ml

FIV_{1.00%} / FEV_{1.00%} _____

Forced expiratory volume_{0.75%} _____ %

Breathing reserve ratio _____ %

Forced expiratory volume_{1.00%} _____ %

Breath holding test _____ sec

Forced inspiratory volume_{0.75%} _____ %

40 mm Hg Endurance test _____ sec

Forced inspiratory volume_{1.00%} _____ %

Maximum expiratory effort test _____ mm Hg
