

# Contents

<i>Foreword</i> by Dr Usha Saraiya	<i>vii</i>
<i>Introduction</i>	<i>xiii</i>
<b>1. History of Endocrine Cytology</b>	<b>1</b>
<b>2. Hypothalamus—Pituitary—Ovary—Uterine Axis</b>	<b>3</b>
<b>3. Morphology of Stratified Squamous Epithelium and Exfoliated Cells</b>	<b>6</b>
<b>4. Endocrine Cytology Under the Effect of Hormones</b>	<b>8</b>
a. Stratified squamous epithelium	
b. Semiquantitative assessment of hormones	
<b>5. Evaluation of Indices Used for the Assessment of Oestrogen and Progesterone Effect</b>	<b>14</b>
<b>6. Endocrine Cytology from Birth to Menarche—Prepuberty and Puberty</b>	<b>16</b>
<b>7. Endocrine Cytology During the Reproductive Period</b>	<b>20</b>
a. Ovulatory pattern	
b. Anovulatory pattern	
<b>8. Endocrine Cytology of Normal Pregnancy</b>	<b>25</b>
a. Corpus luteum phase (First Trimester)	
b. Placental phase (Second and Third Trimesters)	
i. Preterm	
ii. At Term	
iii. Postnatal	
<b>9. Disorders of Pregnancy in First Trimester</b>	<b>39</b>
I. Abortions	
a. Early Abortions	
b. Threatened Abortions	
c. Cytological Control of Hormonal Therapy	

d. Incomplete Abortions	
e. Missed Abortions	
f. Habitual Abortions	
g. Recurrent Abortions	
<b>10. Correlation of Cytohormonal and Cytoenzyme Activity in the Vaginal Epithelium in Women with Abortions</b>	<b>49</b>
<b>11. Cytohormonal Pattern in Late Abnormal Pregnancies and Associated Diseases</b>	<b>52</b>
<b>12. Cytohormonal Profiles of Amenorrhoea</b>	<b>57</b>
a. Primary	
b. Secondary	
<b>13. a. Hormonal Cytology of Menopause Including Pre and Post Menopausal Phases</b>	<b>65</b>
<b>b. Menopause and its Relation with Malignancy of Female Genital Tract</b>	
<b>14. Techniques for Vaginal Smear Preparation and Staining</b>	<b>73</b>
a. Colpocytogram	
b. Nymphocytogram	
c. Urocytogram	
<b>15. Phase Contrast Direct Microscopy</b>	<b>79</b>
<b>Bibliography</b>	<b>85</b>
<i>Index</i>	<i>91</i>