

International Standard
Colored Edition

Ready Reckoner

Pathophysiology

for Nurses

(Covering all Disease Conditions)

Special Features

- Written by senior most faculties from the field of nursing
- Reviewed by most senior nursing faculties PAN India
- System wise presentation of all disease conditions
- 200+ Pathophysiology flowcharts
- 200+ disease conditions covered

Foreword
Assuma Beevi

**A Maria Therese
S Sridevy**



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(Covering all Disease Conditions)

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Foreword

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Preface

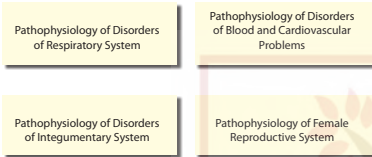
The book is a Ready Reckoner on *Pathophysiology for Nurses* which serves the academic needs of undergraduate nursing students. The format of the book makes it usable as a quick reference or as a textbook for deeper clinical thinking and understanding. Knowledge of pathophysiology helps nurses understand, apply and develop appropriate treatment plans in their practice. A nurse with a pathophysiology background can work more effectively with patients and physicians. Education in pathophysiology prepares nurses to recognize disease states and progression. It thus leads to enhanced interventions in patient-centered care. Pathophysiology lays the foundation and must be deeply understood.

Many nursing students find it difficult to understand pathophysiology. Our aim is to provide a practical, quick reference handbook, which is easy to understand, and helps nursing students to maintain high standards in clinical practice. Hence, we have tried to design every chapter with flowcharts to make even more complicated pathophysiological changes extremely simple and easy to digest. While writing this book we had nursing officers, the diploma, undergraduate and post-basic nursing students, and other health sciences students as target groups in mind. Hopefully, they all will be able to benefit from our effort.

For us, this book has been a teamwork experience at its best. The process of writing this book has been a challenging yet fruitful time for both of us. We are grateful to learn a great deal from the different perspectives. We hope that the readers will benefit from this process as well. And because both of us have contributed to every chapter, we also take the responsibility for any unwanted errors as well. We are grateful for any remarks concerning the improvement of the content of this book or errors in the text.

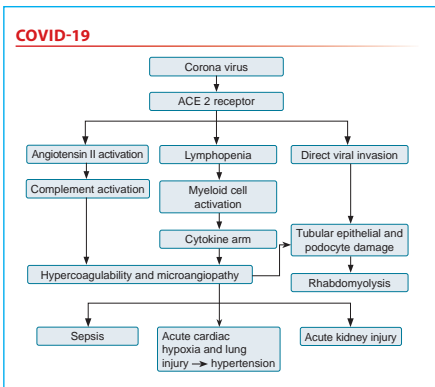
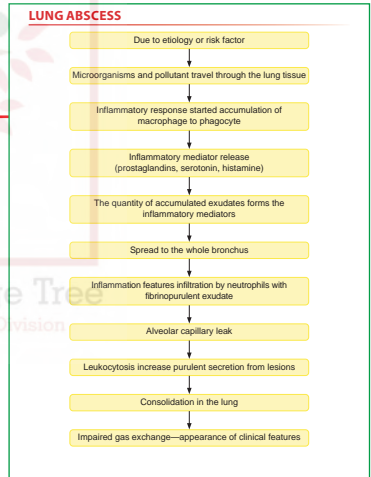
A Maria Therese
S Sridevy

Special Features of the Book



System-wise presentation of all disease conditions

Pathophysiology of all disease conditions has been represented in the flowchart format for easy understanding



COVID-19 Pathophysiology covered extensively

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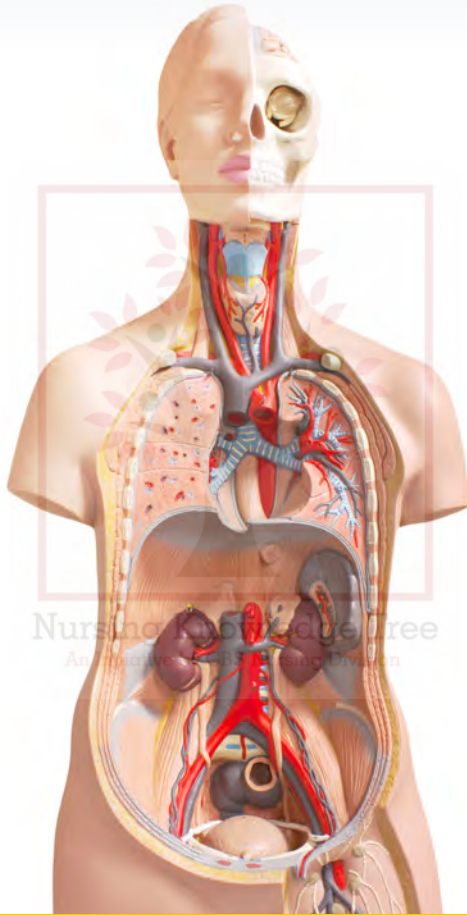
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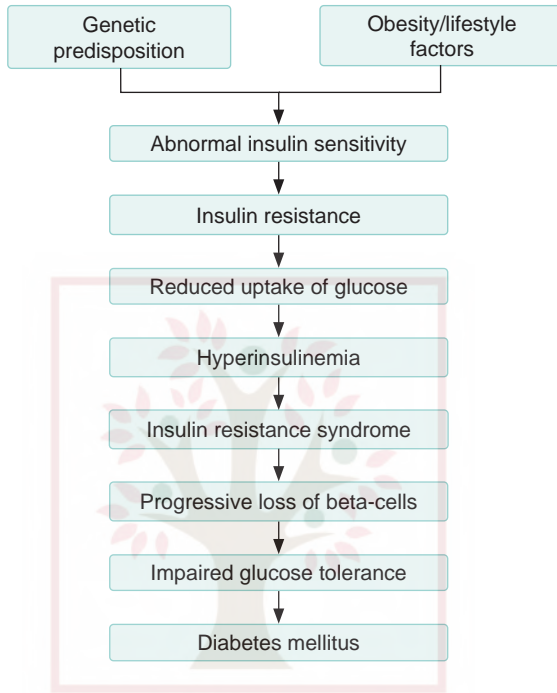
CHAPTER

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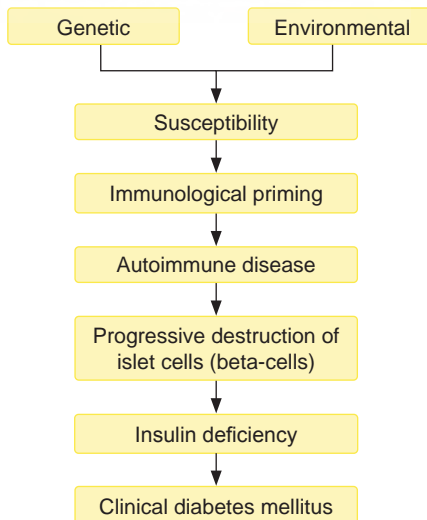


Pathophysiology of Disorders of Endocrine System

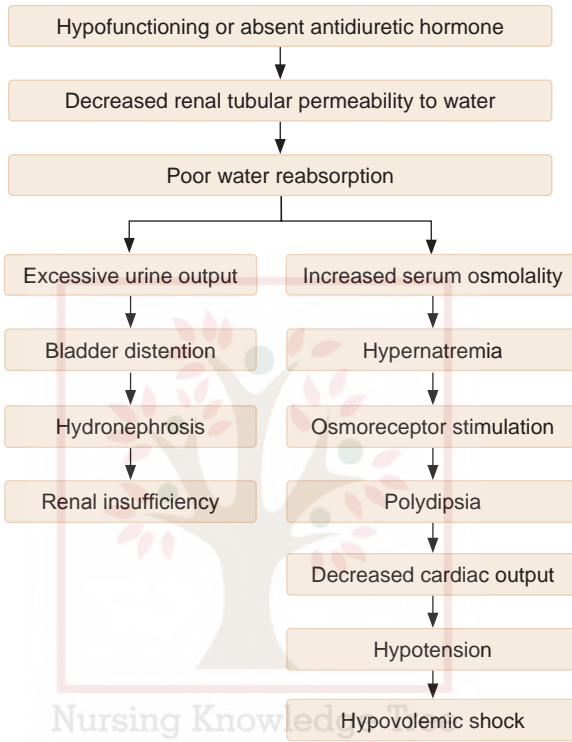
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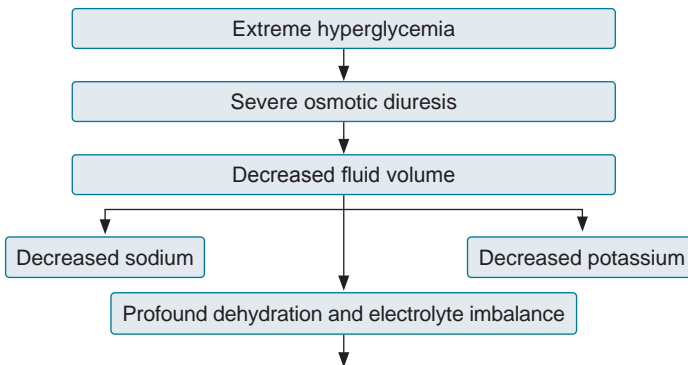
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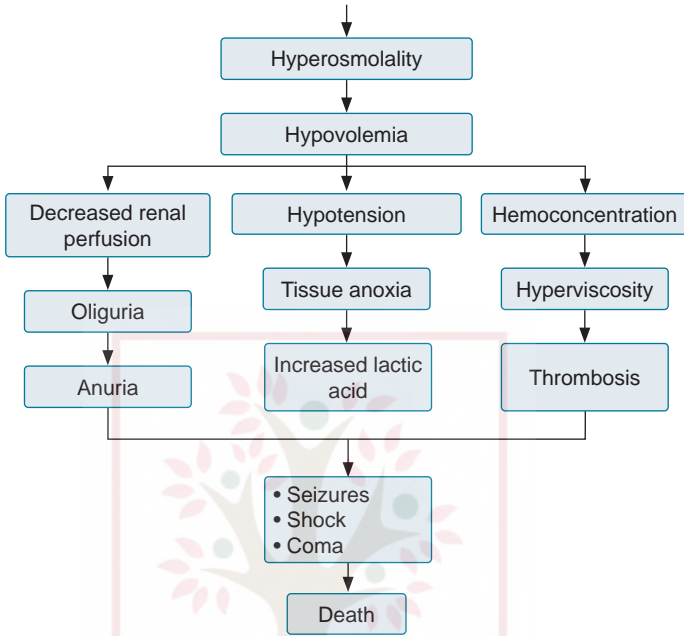
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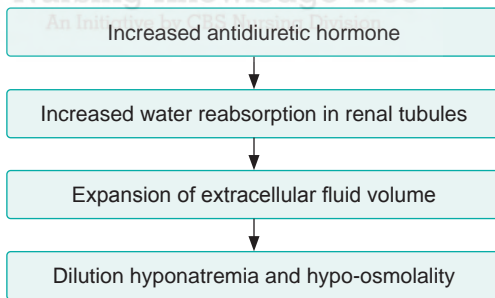
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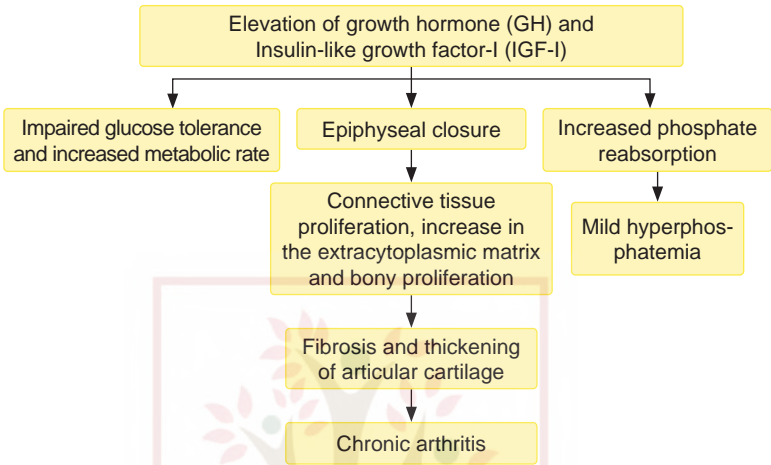
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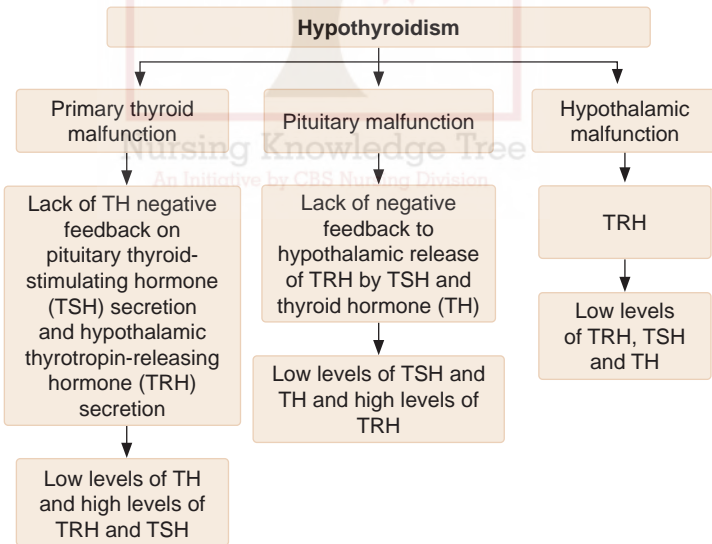
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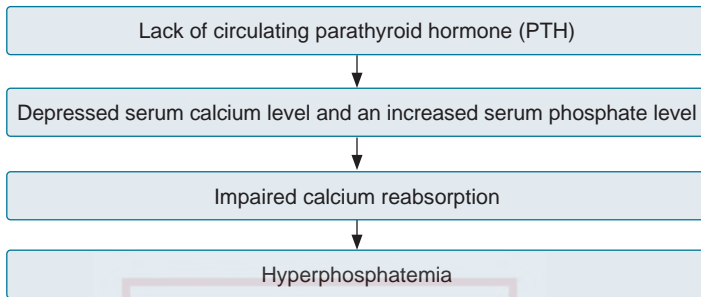
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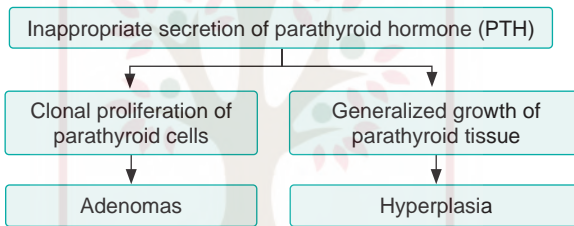
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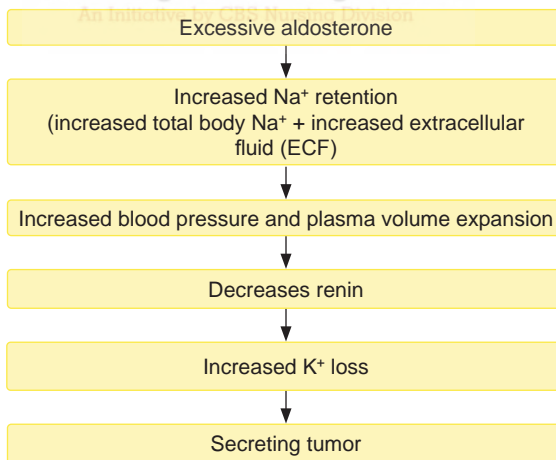
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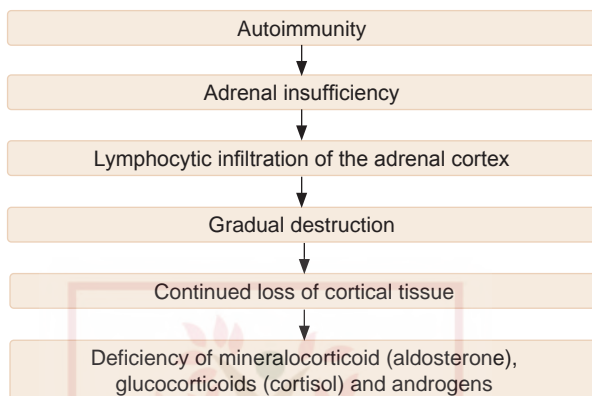
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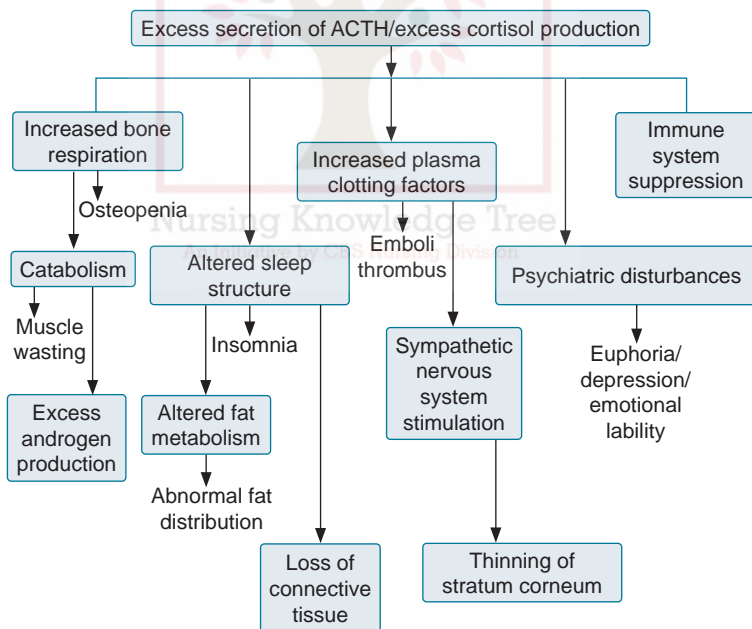
HYPERALDOSTERONISM



ADDISON'S DISEASE



CUSHING'S SYNDROME



Ready Reckoner Pathophysiology for Nurses

(Covering all Disease Conditions)

Salient Features

- A concise pocket handbook on pathophysiological changes of various medical and surgical disorders written by the Indian authors
- As the saying goes, "A picture is worth a thousand words," this compendium justifies it completely as it covers several flow diagrams for easy understanding of the concepts
- All the disease conditions have been included in accordance with the latest INC Curriculum
- Pathophysiology of each and every disease has been represented systematically through flow diagrams
- Covers more than 200 disease conditions
- The format of this compendium makes it highly useful as a quick reference or as a textbook for deeper clinical thinking and understanding—Knowledge of Pathophysiology helps nurses to understand, apply and develop appropriate treatment plans in their practice.

About the Authors

A Maria Therese is a Professor at Mother Theresa Post Graduate and Research Institute of Health Sciences (Government Institution), Puducherry. She has been teaching nursing since the year 2001. Apart from serving the Institute as a Professor in Medical Surgical Nursing, she is the Supervisor of the Doctoral Studies in Pondicherry University, Pondicherry as well. She has completed: FAIMER (Foundation for Advancement International Medical Education & Research) Fellowship (2015-2017). The author has contributed the chapter to "Textbook of Medical Surgical Nursing" by TNMC and also published 40 Review/Research articles in various national and international journals. Apart from this, the author is serving as an Editorial Board Member of few reputed journals



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