

Contents

1. Aging and Diabetes Mellitus	1
<i>Anita Nambiar</i>	
2. Pathophysiology of Diabetes Mellitus in the Elderly	6
<i>Arun Valsan, PK Srivastava</i>	
3. Diagnosis and Screening of Diabetes in Elderly	12
<i>AG Unnikrishnan, Suganthi Kumaran</i>	
4. Assessment Procedures including Comprehensive Geriatric Assessment	16
<i>AG Unnikrishnan, Shilpa Sule</i>	
5. Type 1 Diabetes Mellitus and LADA in Elderly	20
<i>Lakshmi Nagendra, Nisha Bhavani</i>	
6. Insulin Resistance and Metabolic Syndrome in Elderly	24
<i>Anupam Prakash, Rashmi Rajput, Manshi Kashyap, Ramesh Aggarwal</i>	
7. Management of CAD, PAD and Hypertension in the Elderly	30
<i>Anandkumar V, Anita Nambiar</i>	
8. Diabetes, Neuropathy and Old Age	38
<i>Felix Jebasingh K, Nihal Thomas</i>	
9. Chronic Kidney Disease Related to Diabetes in the Elderly	48
<i>Abi Abraham M</i>	
10. Diabetes and the Eye in Elderly	57
<i>Gopal S Pillai, Akanksha Gupta</i>	
11. Diabetic Foot in Elderly	64
<i>Aswin Pankajakshan, Harish Kumar</i>	
12. Sensory Disability in Elderly Diabetics	74
<i>Ritesh Sahu, Anand P Joshi</i>	



XX Diabetes Mellitus in the Elderly

- | | | |
|-----|--|-----|
| 13. | Cutaneous Manifestations of Diabetes Mellitus | 79 |
| | <i>Keerthi Gopinathan Nambiar</i> | |
| 14. | Musculoskeletal Manifestations of Diabetes in the Elderly | 86 |
| | <i>Divya G, Joice Varghese MJ</i> | |
| 15. | Gut and Liver in the Elderly Diabetic | 90 |
| | <i>Harshavardhan Rao B, Medha Y Rao, Rama P Venu</i> | |
| 16. | Dental Health in Elderly Diabetic Patients | 98 |
| | <i>Krishnan Hari, K Hari</i> | |
| 17. | Management of Associated Complications in Elderly Diabetics | 105 |
| | <i>V Usha Menon, Manjunath P Ramakrishna</i> | |
| 18. | Sexual Health and Well-being in Elderly Diabetics | 111 |
| | <i>Deepak K Juman</i> | |
| 19. | Cognitive Dysfunction and Mood Disorders in Elderly Diabetic Patients | 115 |
| | <i>Shubha Laxmi Margekar, Ashok Kumar, Venu Gopal Margekar, Vanlalsawmi Tlau</i> | |
| 20. | Metabolic Derangements in Elderly Diabetic Patients | 120 |
| | <i>P Jayaprakash</i> | |
| 21. | Nutrition Management in Elderly Diabetics | 125 |
| | <i>GR Subbu</i> | |
| 22. | Physical Exercise Management in the Elderly Patients with Diabetes Mellitus | 130 |
| | <i>K Hari</i> | |
| 23. | Pharmacovigilance in Elderly Diabetics | 134 |
| | <i>Anita Nambiar</i> | |
| 24. | Glucose Lowering Drugs and Insulin Therapy in Elderly Diabetes Mellitus Patients | 136 |
| | <i>Aldyne Reena Asirvatham, Praveen VP</i> | |
| 25. | Hypoglycemia in Elderly Diabetics | 145 |
| | <i>Kumaravel Velayutham</i> | |
| 26. | Hyperglycemic Crisis in Elderly Diabetic Patients | 150 |
| | <i>Elizabeth Jacob</i> | |

27. Diabetes and Functional Limitation: The Emergence of Frailty and Disability	155
<i>Amitesh Aggarwal, Saurabh Srivastava</i>	
28. Diabetes and Falls in Elderly	161
<i>Rahul Singh Oinam, Ghan Shyam Pangtey</i>	
29. Optimizing Diabetes Care in Elderly	168
<i>Nithya Abraham, Vasantha Nair</i>	
30. Diabetes in Care Homes	172
<i>Arun S Menon</i>	
31. Managing Pain, Palliative Care and End-of-Life Care	176
<i>Ramesh Aggarwal, Ravi Kumar Meena, Anupam Prakash</i>	
32. Preventive Strategies Against Type 2 Diabetes Mellitus in Elderly	181
<i>Arun Valsan, Subhash Ranjan</i>	
33. Guidelines for Diabetes Mellitus in the Elderly	187
<i>Anita Nambiar, Arun S Menon, Harish Kumar, Vasantha Nair, RV Jayakumar</i>	
<i>Index</i>	<i>189</i>