

SECTION 1

Pulmonology

1. Extensively Drug-resistant Tuberculosis: Updates in Epidemiology, Diagnosis, and Treatment3
Achintya D Singh, Surendra K Sharma
2. Non-resolving Pneumonias11
Ajai Kumar Garg, AK Agarwal, GD Sharma
3. Approach to Diffuse Parenchymal Lung Diseases.....16
Ajay Handa
4. COPD: Practical Outcome Tools—From Clinical Trials to Clinical Care24
Sanjeev Nair
5. Indian Guidelines on Bronchial Asthma28
Prashant Prakash, Prabhat Agarwal
6. Approach to Interstitial Lung Diseases.....36
Prasanta Raghav Mohapatra

SECTION 2

Rheumatology

7. Pre-rheumatoid Arthritis.....49
Binoy J Paul
8. Sjögren Syndrome: What should Internists Look Out For?54
Rathindra Nath Sarkar, Urmimala Bhattacharjee
9. Lupus Flare: Recognition and Management.....62
Renu Saigal
10. Scleroderma Renal Crisis-New News.....69
Satyabrata Ganguly
11. Cytokine Modulation and Manipulation in Rheumatic Diseases73
Bidyut Kumar Das, Sarit Sekhar Pattanaik, Rina Tripathy
12. Structural Damage in AxSpA and Role of TNF-inhibitors77
PD Rath

13. JAK Inhibition: A New Treatment Paradigm to Treat Rheumatoid Arthritis81
Vineeta Shobha
14. Fingerprint Adalimumab Biosimilar: Backing Science with Data.....85
Shefali Khanna Sharma
15. Infliximab: A Decade and Going Strong90
Ramesh Jois
16. Current and Emerging Trends in Osteoporosis94
D Phani Kumar, G Narsimulu

SECTION 3

Geriatrics

17. Geriatric Syndromes: Practice in an Aging World 103
AB Dey, Venugopalan Gunasekaran
18. Immunosenescence: Clinical Implications..... 107
Indrajeet Singh Gambhir, Sankha Shubhra Chakrabarti
19. Urinary Incontinence in Elderly 112
Rini Yadav, Ashish Goel
20. Geriatric Syndrome of Frailty 117
PS Shankar

SECTION 4

Neurology

21. Current Status of Acute Ischemic Stroke Therapy 123
Rohit Bhatia, Divyani Garg
22. Evaluation and Management of Transient Ischemic Attack 131
Subhash Kaul
23. Management of Anticoagulant-induced Intracranial Hemorrhage..... 135
MV Padma Srivastava, Vishnu VY
24. Ten New Developments in Neurology in 2017..... 146
Salil Gupta

SECTION 5

Critical Care

25. *Acinetobacter* Menace in ICUs: How to Counter This? 153
Aditya Prakash Misra
26. Current Sepsis Management 161
Rajesh Chawla, Aakanksha Chawla
27. Noninfectious Causes of Fever in the Intensive Care Unit 165
Sumeet Singla, AK Agarwal
28. Acute Respiratory Failure in the MICU: A Physician's Perspective 170
Alladi Mohan, G Sindhu

SECTION 6

Cardiology

29. Ventricular Premature Beats: When to Treat? 179
SB Gupta
30. Spotlight on New Drug Therapies in Heart Failure 183
PC Manoria, Pankaj Manoria, SK Parashar, RK Jha
31. STEMI Care in India: How can we Make a Difference Collectively? 193
Mridul Mahanta, Suraj Kumar, Gurpreet S Wander

SECTION 7

Endocrinology

32. Weekend Therapies in Diabetes Mellitus: Fact or Fiction? 203
Anupam Prakash
33. Dyslipidemia in Indian Diabetics 207
Gandharba Ray
34. Subclinical Hypothyroidism 213
AK Gupta, Rashika Bansal, Ashutosh Kumar
35. Thyroid Disorders in Pregnancy 223
Swati Srivastava

36. Role and Relevance of Hydroxychloroquine in the Management of Type 2 Diabetes Mellitus 228
Sarita Bajaj, Anu Grover
37. Long-term Safety of Hydroxychloroquine for Managing Chronic Medical Conditions 235
Chandrashekara S

SECTION 8

Oncology

38. Metronomic Chemotherapy: When Less is More! 239
TVSVGK Tilak
39. Kidney Dysfunction in Cancer and its Treatment 244
Narinder Pal Singh, Anish Kumar

SECTION 9

Hematology

40. Year in Review (Hematology) 255
Sudhir Mehta, Laxmikant Goyal, Shaurya Mehta
41. Hemophilia and Mobile Application: A 'C' Change in Compliance and Complications..... 262
Yanamandra Uday, Sushma

SECTION 10

Gastroenterology

42. Pancreatitis Management: State of the Art 2018 269
Ajay Kumar, Adil Farooq Malik
43. Diagnostic and Therapeutic Approach to Constipation in Tertiary Care 274
Uday C Ghoshal
44. *H. pylori*: To Eradicate or Not to Eradicate? 283
Bhaskar Nandi
45. Evidence-based Approach: Gastroesophageal Reflux Disease 287
Saurabh Kedia, Vineet Ahuja

SECTION 11

Infectious Diseases

46. Management of Severe Falciparum Malaria: Recent Update 297
PC Bhattacharyya, Manabendra Nayak, Lalit Mohan Bhardwaj
47. Fever with Rash 303
Ranveer Singh Jadon, Rita Sood
48. Dengue: Update on Diagnosis and Management 309
Jugal Kishor Sharma, Girish Khurana
49. PEP in HIV Exposure 313
Murugesh G Pastapur
50. HIV-TB Coinfection: Clinical Pearls..... 316
Sanjeev Sinha, Vishwanath Upadhyaya, Kartik Gupta

SECTION 12

Rabindranath Tagore Oration

51. Health and Disease in Women: From Cradle to Grave 323
T Geetha

SECTION 13

Common Clinical Issues

52. Syncope: A Pragmatic Approach to Management 329
Ashok Taneja, Akshat Taneja, Atul Arora
53. HLA-B27: When to Order and How to Interpret? 334
Liyakat Ali Gauri, Harshal G Pise, Asim Khan, Quadir Fatima, Ambreen Liyakat
54. ANA and ENA: When to Order and How to Interpret?..... 336
P Samikrishnan
55. Antineutrophil Cytoplasmic Antibodies:
When to Order and How to Interpret? 342
Aman Sharma

SECTION 14

Contemporary Issues

56. **Health Economics: What and Why for the Internist?** 349
Subramanian Shankar, Arun Valsan
57. **Prevention of Hereditary Disease: CRISP R and Beyond** 354
Daya Kishore Hazra, Padmamalika Khanna nee Hazra
58. **Clinical Errors and How to Prevent Them?** 357
Amitabh Sagar
59. **Trial by Media** 362
Anil Chaturvedi
60. **Violence Against Doctors: Causes, Effects and Solutions** 367
Vitull K Gupta, Meghna Gupta, Varun Gupta
61. **Pneumococcal Vaccination: The Need of the Hour**..... 374
BV Murali Mohan, R Ranganatha

Index..... 379