

Detailed Table of Contents

| | |
|---|----|
| Chapter 1 Genetics and Pathogenesis of Psoriasis and Psoriatic Arthritis | 17 |
| Genetics of Psoriasis | 17 |
| Genetics of PsA | 18 |
| Pathogenesis of Psoriasis | 19 |
| Pathogenesis of PsA | 25 |
| Chapter 2 Epidemiology and Classification of Psoriasis and Psoriatic Arthritis | 29 |
| Psoriasis..... | 29 |
| Classification of Psoriasis | 30 |
| Clinical Appearance of Lesions | 30 |
| Psoriatic Arthritis | 32 |
| Classification of PsA | 33 |
| CASPAR Criteria | 34 |
| Features of PsA | 34 |
| Laboratory Findings | 39 |
| Differential Diagnosis of PsA..... | 39 |
| Chapter 3 Clinical Presentation of Psoriatic Arthritis . | 43 |
| Patterns of Joint Involvement | 43 |
| Asymmetrical Oligoarthritis | 44 |
| Symmetrical Polyarthritis | 44 |
| DIP-Predominant Arthritis | 45 |
| Axial Arthritis..... | 45 |
| Arthritis Mutilans..... | 46 |
| Enthesitis | 48 |
| Dactylitis..... | 49 |
| Nail Changes..... | 50 |
| Inflammatory Eye Disease | 51 |
| SAPHO Syndrome..... | 51 |
| Chapter 4 Clinical Presentation and Subtypes of Psoriasis | 53 |
| Plaque Psoriasis | 53 |
| Guttate Psoriasis..... | 55 |
| Palmar-Plantar Psoriasis..... | 56 |
| Pustular Psoriasis | 59 |
| Erythrodermic Psoriasis..... | 61 |
| Special Locations of Psoriasis..... | 62 |
| Inverse Psoriasis..... | 62 |
| Genital Psoriasis | 63 |
| Nail Psoriasis | 64 |
| Laboratory Evaluation of Psoriasis: Histopathology | 65 |
| Chapter 5 Diagnosis and Evaluation of Psoriatic Arthritis | 69 |

| | |
|---|-----|
| History..... | 69 |
| Joint Exam | 70 |
| Enthesal Exam..... | 71 |
| Dactylitis..... | 73 |
| Axial Evaluation | 74 |
| Nail Changes..... | 79 |
| Laboratory Testing | 79 |
| Composite Disease Activity Scores | 82 |
| Radiographic Evaluation | 84 |
| Other Imaging Modalities..... | 86 |
| Chapter 6 Nonbiologic Therapy for Psoriatic Arthritis | 91 |
| Nonsteroidal Anti-inflammatory Drugs..... | 91 |
| Corticosteroids..... | 92 |
| DMARDs | 92 |
| Cyclosporine | 94 |
| Leflunomide..... | 94 |
| Methotrexate | 94 |
| Apremilast..... | 96 |
| Tofacitinib..... | 103 |
| Upadacitinib | 111 |
| Treatment Guidance..... | 116 |
| Group for Research and Assessment of Psoriasis and PsA (GRAPPA) | 121 |
| 2018 ACR/NPF Guidelines for the Treatment of PsA | 124 |
| Chapter 7 TNF Inhibitor Therapy for Psoriatic Arthritis | 137 |
| Etanercept | 140 |
| Infliximab | 145 |
| Adalimumab | 150 |
| Golimumab..... | 155 |
| Certolizumab Pegol | 158 |
| Safety | 160 |
| Infections | 161 |
| Tuberculosis | 161 |
| Hepatitis B | 162 |
| Herpes Zoster..... | 162 |
| Lymphoma..... | 162 |
| Demyelinating Disease and CHF | 163 |
| Injection Site Reactions | 163 |
| Lab Abnormalities | 163 |
| Pregnancy | 163 |
| General Management | 164 |

| | | | |
|--|-----|--|-----|
| Chapter 8 Other Biologic Therapy for Psoriatic Arthritis | 169 | Acitretin Efficacy | 237 |
| Ustekinumab..... | 169 | Acitretin Safety..... | 240 |
| Risankizumab..... | 175 | Cyclosporine | 240 |
| Interleukin-17 Inhibitors..... | 179 | Cyclosporine Efficacy | 241 |
| Secukinumab..... | 179 | Cyclosporine Safety | 241 |
| Ixekizumab..... | 185 | Apremilast | 243 |
| Brodalumab | 190 | Apremilast Efficacy | 244 |
| Conclusions | 190 | Apremilast Safety..... | 246 |
| Abatacept..... | 192 | 2020 Joint AAD and NPF Guidelines for the Treatment of Psoriasis with Systemic Nonbiologic Therapies .. | 247 |
| Anakinra | 195 | Conclusion..... | 248 |
| Alefacept | 196 | Chapter 12 Biologic Therapy for Psoriasis | 251 |
| Other Biologic Agents..... | 196 | Anti-TNF Agents | 252 |
| Chapter 9 Topical Therapy for Psoriasis | 199 | Anti-TNF Efficacy | 253 |
| Emollients and Keratolytics..... | 200 | Pediatric Psoriasis | 267 |
| Emollients..... | 200 | Anti-TNF Safety in Psoriasis | 267 |
| Keratolytic Agents | 201 | Ustekinumab..... | 269 |
| Physiologic Agents | 202 | Efficacy | 269 |
| Topical Corticosteroids..... | 202 | Safety | 271 |
| Tapinarof | 204 | Anti-Interleukin 17 Medications | 272 |
| Other Topical Agents..... | 208 | Secukinumab..... | 272 |
| Tar and Anthralin..... | 208 | Ixekizumab..... | 275 |
| Vitamin D Derivatives | 209 | Brodalumab | 277 |
| Combination Agents | 209 | Anti-Interleukin 23, P19 Medications | 280 |
| Special Case: Inverse and Facial Psoriasis | 210 | Guselkumab | 280 |
| Topical Macrolides: Tacrolimus and Pimecrolimus | 210 | Tildrakizumab | 283 |
| 2020 Joint AAD and NPF Guidelines for the Treatment of Psoriasis with Topical Therapy | 211 | Risankizumab..... | 284 |
| Conclusion..... | 213 | Biologic Medications in Development for Psoriasis | 287 |
| Chapter 10 Phototherapy for Psoriasis | 217 | 2019 Joint AAD and NPF Guidelines for the Treatment of Psoriasis with Biologics | 288 |
| Ultraviolet B Therapy..... | 217 | Conclusion..... | 291 |
| Targeted Phototherapy With UVB..... | 222 | Chapter 13 Coordinated Management of Psoriatic Arthritis and Psoriasis | 295 |
| Psoralen Plus Ultraviolet A (PUVA) Therapy..... | 223 | The Role of Primary Care..... | 295 |
| Climatotherapy | 225 | Identifying PsA in the Dermatology Office..... | 297 |
| 2019 Joint AAD and NPF Guidelines for the Treatment of Psoriasis with Phototherapy..... | 225 | Identifying Psoriasis in the Rheumatology Office | 300 |
| Conclusion | 226 | Co-management of the Patient With PsA and Psoriasis | 300 |
| Chapter 11 Oral Systemic Therapy for Psoriasis | 229 | Developing a Treatment Plan | 302 |
| Methotrexate..... | 232 | Chapter 14 Abbreviations/Acronyms | 305 |
| Methotrexate Efficacy | 232 | | |
| Methotrexate Safety..... | 234 | | |
| Hepatic Toxicity | 235 | | |
| Hematologic Toxicity | 235 | | |
| Other Toxicities..... | 236 | | |
| Acitretin..... | 237 | | |