

# Table of Contents

- Foreword . . . . . v
  
- 1 Description of the Disorder . . . . . 1**
  - 1.1 Definitions . . . . . 1
  - 1.2 Terminology . . . . . 1
    - 1.2.1 Classification of Pain . . . . . 2
  - 1.3 Epidemiology . . . . . 7
    - 1.3.1 Prevalence of Chronic Pain . . . . . 7
    - 1.3.2 Economic Impact of Pain . . . . . 7
  - 1.4 Course and Prognosis . . . . . 9
  - 1.5 Differential Diagnosis . . . . . 9
  - 1.6 Comorbidities . . . . . 12
    - 1.6.1 Sleep Disorders . . . . . 12
    - 1.6.2 Depression . . . . . 13
    - 1.6.3 Anxiety . . . . . 15
    - 1.6.4 Substance Abuse . . . . . 16
  - 1.7 Diagnostic Procedures and Documentation . . . . . 20
  
- 2 Theories and Models of the Disorder . . . . . 23**
  - 2.1 Dualistic Models . . . . . 23
  - 2.2 Gate-Control Theory . . . . . 23
  - 2.3 Biopsychosocial Model . . . . . 24
    - 2.3.1 Operant Conditioning Model . . . . . 24
    - 2.3.2 Cognitive-Behavioral Model . . . . . 26
    - 2.3.3 Multidisciplinary Management . . . . . 27
  
- 3 Diagnosis and Treatment Indications . . . . . 29**
  - 3.1 Referral Questions and Medical Record Review . . . . . 29
  - 3.2 Guidelines for Assessing Medical History . . . . . 30
    - 3.2.1 History of Pain Complaint . . . . . 30
    - 3.2.2 Pain Intensity, Location, Aggravating and Relieving Factors . . . . . 32
    - 3.2.3 Medical History . . . . . 33
  - 3.3 Guidelines for Assessing Cognitions . . . . . 33
    - 3.3.1 Beliefs and Expectations . . . . . 33
    - 3.3.2 Cognition . . . . . 34
  - 3.4 Guidelines for Assessing Psychiatric Disorders . . . . . 35
    - 3.4.1 Behavioral Observations and Mental Status . . . . . 35
    - 3.4.2 Depression . . . . . 36
    - 3.4.3 Anxiety Disorders . . . . . 37
    - 3.4.4 Substance Abuse . . . . . 38
  - 3.5 Guidelines for Assessing Daily Activity Patterns . . . . . 39
    - 3.5.1 Work and Everyday Activities . . . . . 39
    - 3.5.2 Relationships – Family and Friends . . . . . 40
  - 3.6 Additional Areas for Assessment . . . . . 40

3.6.1	Anger	40
3.6.2	Social History	41
3.6.3	Educational and Employment History	41
3.6.4	Presurgical Screening	42
3.7	Diagnosis and Treatment Recommendations	43
3.7.1	Diagnosis	43
3.7.2	Treatment Plan	44
3.7.3	Referrals to Additional Providers and Communication with Referring Physicians	44
<b>4</b>	<b>Treatment</b>	<b>46</b>
4.1	Introduction	46
4.2	Methods of Treatment	47
4.2.1	Medical Treatments	48
4.3	Psychological Interventions	59
4.3.1	Cognitive-Behavioral Therapy	59
4.3.2	Education	61
4.3.3	Identifying and Restructuring Negative Cognitions	62
4.3.4	Changing Behaviors	63
4.3.5	Self-Regulatory Techniques	70
4.4	Efficacy and Prognosis	79
4.5	Mechanisms of Action	81
4.6	Variations and Combinations of Methods	82
4.6.1	Physical Therapy	83
4.6.2	Complementary and Alternative Medicine (CAM)	83
4.7	Problems in Carrying Out the Treatments	84
4.8	Multicultural Issues	85
4.9	Conclusion	86
<b>5</b>	<b>Case Vignette</b>	<b>87</b>
<b>6</b>	<b>Further Reading</b>	<b>91</b>
<b>7</b>	<b>References</b>	<b>93</b>
<b>8</b>	<b>Appendix: Tools and Resources</b>	<b>98</b>