## Contents

Preface ..... v
List of contributors ..... vii
CHAPTER 1. EARLY THEORY OF HYPNOSIS - Leon Chertok ..... 1
Introduction ..... 1
The problems ..... 1
The Saltpetiere school ..... 2
The Nancy school ..... 3
Janet and Freud ..... 4
Neurophysiological hypothesis ..... 5
Theories derived from experimental psychology ..... 6
Psychoanalytical theories ..... 6
Attemps at synthesis ..... 8
Conclusions ..... 9
Summary ..... 10
CHAPTER 2. EGO-PSYCHOLOGICAL PARAMETERS OF HYPNOSIS AND ALTERED STATES OF CONSCIOUSNESS - Erika Fromm and Stephen W. Hurt ..... 13
Introduction ..... 13
Primary and secondary process ..... 14
Ego activity, passivity and receptivity ..... 15
Individual cognitive studies ..... 17
Development of an altered states of consciousness typology ..... 19
Studies of self-hypnosis ..... 20
An ego-psychological approach to hypnosis ..... 21
Towards a comprehensive model of consciousness in altered states of con- sciousness ..... 23
CHAPTER 3. ON THE CONSTRUCT OF HYPNOSIS: HOW ITS DEFINI- TION AFFECTS RESEARCH AND ITS CLINICAL AP- PLICATION - Martin T. Orne ..... 29
Hypnosis as behavioural compliance ..... 29
Why is hypnosis a compelling phenomenon? ..... 32
The alteration of subjective experience in hypnosis ..... 33
Hypnosis - actual state or elaborate hoax? ..... 33
The definition of hypnosis ..... 35
The reality of hypnosis ..... 37
The mechanisms by which hypnosis is explained ..... 37
Does a formal hypnotic induction procedure result in unique changes? ..... 38
Transcedence of normal volitional capacities and the correspondence of subjective experience and verbal report ..... 39
Some methodological considerations ..... 39
An example from hypnotic age regression ..... 41
Other issues of transcendence of normal volitional capacities ..... 42
Hypnotic phenomena that cannot be explained as volitional role playing ..... 43
Conclusions ..... 46
CHAPTER 4. PSYCHOPHYSIOLOGICAL OUTCOMES OF HYPNOSIS - Theodore R. Sarbin and Robert Slagle ..... 53
Introduction ..... 53
Classification of organ systems ..... 54
Effects on organ systems in hypnosis ..... 55
Arnold's neurophysiological theory ..... 61
Kraine's pavlovian theory ..... 62
Robert's bioelectrodynamic theory ..... 63
Concluding statement about psychophysiological theories of hypnosis ..... 64
CHAPTER 5. PHENOMENA OF HYPNOSIS: 1. AGE REGRESSION - George Foenander and Graham D. Burrows ..... 67
Introduction ..... 67
Experimental studies ..... 68
Pysiological studies ..... 68
Psychological studies ..... 70
Summary and findings ..... 75
Technique, methodology and conceptual issues in age regression ..... 75
Techniques of age regression ..... 76
Methodology ..... 77
Conclusion ..... 81
CHAPTER 6. PHENOMENA OF HYPNOSIS: 2. POSTHYPNOTIC AMNESIA - Frederick J. Evans ..... 85
The phenomenology of hypnotic amnesia ..... 85
Posthypnotic source amnesia ..... 86
Posthypnotic amnesia as a disruption of retrieval processes ..... 88
Generic (vague) recall ..... 90
Disruption of retrieval processes during posthypnotic amnesia ..... 91
Temporal disorganization during Posthypnotic amnesia ..... 92
Disorganized retrieval and the neglect hypothesis of amnesia ..... 96
Poor memory: partial recall of past experiences ..... 98
Posthypnotic amnesia - a brief synthesis ..... 100
CHAPTER 7. CLINICAL ASSESSMENT AND PREPARATION OF THE PATIENT - Harold B. Crasilneck ..... 105
Introduction ..... 105
Clinical assessment ..... 106
Rapport ..... 107
Motivation ..... 107
Paranoid patients ..... 113
The masochist ..... 114
Drug addicts ..... 114
Severly depressed suicidal patients ..... 115
Preparation of the patient ..... 115
CHAPTER 8. HYPNOTIZABILITY AND RATING SCALES - David J. De
L. Horne and Vicky Powlett ..... 119
Introduction ..... 119
Hypnotic susceptibility scales reviewed ..... 121
The Stanford scales ..... 121
The Harvard group scale of hypnotic susceptibility ..... 123
The children's hypnotic susceptibility scale ..... 124
The hypnotic induction profile ..... 125
The Barber suggestibility scale ..... 126
The creative imagination scale ..... 126
The diagnostic rating scale ..... 127
The Stanford hypnotic clinical scale ..... 128
Conclusion ..... 129
CHAPTER 9. INDUCTION TECHNIQUES - Herbert Spiegel and David Spiegel ..... 133
Introduction ..... 133
Definition ..... 134
Trance inductions: legitimate and illegitimate ..... 134
Coercion ..... 135
Seduction ..... 135
Guidance ..... 136
The aura ..... 136
The interpersonal relationship ..... 137
Psychophysiological enhancement ..... 141
The plunge ..... 142
Induction or deduction? The importance of measurement ..... 143
The hypnotic induction profile ..... 144
Conclusion ..... 145
CHAPTER 10. AFFECTIVE DISORDERS AND HYPNOSIS - Graham D. Burrows ..... 149
Introduction ..... 149
Anxiety ..... 149
Anxiety and fear ..... 150
Occurrence of anxiety ..... 151
Clinical aspects of anxiety ..... 152
The therapist's anxiety ..... 153
Physical illness ..... 153
Treatment of anxiety ..... 154
Hypnosis and anxiety ..... 155
Pharmacotherapy of anxiety ..... 156
Which antianxiety agent? ..... 157
Depressive illness ..... 157
Classification of depression ..... 159
Unipolar and bipolar affective illness ..... 159
Involutional melancholia ..... 160
The amine hypothesis of affective disorders ..... 161
Affect and hormones ..... 161
Treatment of depression ..... 162
Management of depression ..... 162
Antidepressant pharmacotherapy ..... 162
Stimulants ..... 163
Tricyclic antidepressants ..... 163
Dosage regimen of tricyclics ..... 163
Side effects and toxicity of tricyclics ..... 164
Plasma tricyclic levels and clinical response ..... 164
New antidepressants ..... 164
Monoamine oxidase inhibitors (MAOIs) ..... 165
Lithium ..... 166
Hypnosis and depression ..... 167
CHAPTER 11. PHOBIC DISORDERS AND HYPNOSIS - Fred H. Frankel ..... 171
Introduction ..... 171
Phobic disorders as a clinical entity ..... 171
Aetiology ..... 172
Psychoanalytic theory ..... 173
Learning theory ..... 173
Therapy ..... 175
Psychoanalytically oriented therapy in conjunction with hypnosis ..... 176
Learning theory in conjunction with hypnosis ..... 177
The use of hypnosis ..... 178
An alternative theory ..... 179
The effect of hypnosis in the therapy of phobic behaviour ..... 181
CHAPTER 12. HYPNOSIS IN FAMILY MEDICINE - J. Arthur Jackson and Harvard N. Merrington ..... 185
Introduction: the casework of the family doctor ..... 185
Selection: the patient, the disorder, the therapy ..... 187
Depression ..... 190
Simple ad hoc hypnotic applications ..... 190
Formal use of hypnosis ..... 191
Use of Hypnosis in gynaecology ..... 192
Menstrual irregularities ..... 193
Terminal illness ..... 193
Hypertension ..... 194
Skin disease ..... 195
Smoking and obesity ..... 195
Devising the therapeutic programme ..... 197
Autohypnosis ..... 198
Qualities of therapist ..... 199
Significance of trance depth ..... 200
Some associated problems ..... 201
The problem of time ..... 201
Patient dependency ..... 201
Psychiatric contraindications ..... 202
Summary ..... 202
CHAPTER 13. HYPNOSIS WITH CHILDREN - G. Gail Gardner and Richard M. Hinton ..... 205
A brief history of hypnosis with children ..... 205
Norms of hypnotizability in children ..... 206
Correlates of hypnotizability in children ..... 209
Attitudes toward child hypnosis ..... 214
Hypnotic induction and deepening techniques with children ..... 215
Child hypnotherapy for medical and surgical problems ..... 216
Child hypnotherapy for emotional difficulties, habit disorders, and learning problems ..... 223
Considerations for the future of child hypnosis ..... 226
CHAPTER 14. HYPNOSIS IN THE TREATMENT OF PAIN - Ernest $R$.
Hilgard ..... 233
Introduction ..... 233
The problem of pain ..... 233
Clinical applicability of hypnosis ..... 234
Cancer ..... 234
Burns ..... 235
Obstetrics ..... 235
Dentistry ..... 236
Headaches ..... 236
Phantom limb pain ..... 237
Other symptoms ..... 237
Techniques used in the hypnotic treatment of pain ..... 237
Direct suggestion for the reduction of pain ..... 237
The use of neurophysiological metaphors ..... 238
Transference of glove anesthesia ..... 238
Displacement or alteration of the painful symptom ..... 239
Dissociation through imagination ..... 239
Reinterpreting the pain ..... 239
Adapting methods to individual hypnotic talent ..... 239
Self-hypnosis ..... 241
Investigatory methods for studying the control of pain ..... 241
Laboratory methods in the study of pain ..... 242
Clinical methods for studying pain relief ..... 245
The results of laboratory investigations of hypnosis in relation to pain ..... 248
Hypnosis not a placebo ..... 250
Hypnotic pain reduction not simply relaxation or anxiety reduction ..... 251
The hidden observer in analgesia ..... 252
Results of clinical investigations of hypnosis in relation to pain ..... 255
Obstetrics ..... 255
Cancer ..... 256
Children's reaction to therapy for leukemia ..... 257
Burns ..... 258
Dentistry ..... 259
Concluding remarks on clinical investigation ..... 260
Hypnosis in relation to other therapies for pain ..... 260
Chemoanaesthesia ..... 260
Acupuncture ..... 261
Behaviour therapies ..... 261
Biofeedback ..... 262
Relaxation therapies ..... 263
Psychodynamic therapies ..... 263
CHAPTER 15. CHRONIC PAIN AND HYPNOSIS - Diana Elton, Graham D. Burrows and Gordon V. Stanley ..... 269
Introduction ..... 269
Part 1: psychological profile of pain-proneness ..... 270
Aims of the study ..... 271
Method ..... 272
Results ..... 274
Discussion ..... 275
Part 2: comparison of treatments by hypnosis, placebo and behavioural psy- chotherapy ..... 276
Method ..... 277
Results ..... 277
Discussion ..... 277
Hypnosis and biofeedback ..... 280
Results ..... 281
Discussion ..... 282
Part 3: treatment approaches ..... 282
Contractual relationship ..... 283
Improving self-esteem ..... 283
Assertiveness training ..... 283
Posthypnotic suggestions ..... 283
Autogenic training ..... 284
General homework ..... 284
Specific techniques for pain relief ..... 284
Imagery techniques 'The secret room' ..... 284
Part 4: patient histories ..... 285
Case 1 ..... 286
Case 2 ..... 287
Case 3 ..... 288
Case 4 ..... 289
CHAPTER 16. HYPNOSIS AND ANAESTHESIA - Brasil Finer ..... 293
Introduction ..... 293
Description ..... 294
Physiology ..... 296
Pain ..... 296
Hypnosis ..... 296
Author's own experience ..... 297
Hypnosis for preoperative, operative and postoperative control of anxiety and pain ..... 298
Burns ..... 298
Various veins ..... 299
Minor surgery ..... 300
Minor oncological procedures ..... 300
Dental ..... 301
Local anaesthesia supplemented with hypnosis ..... 301
Failed hypnotic anaesthesia requiring pharmacological supplementation ..... 302
Discussion ..... 303
CHAPTER 17. HYPNOSIS AND OBSTETRICS - Peter Stone and Graham
D. Burrows ..... 307
Introduction ..... 307
The purpose of preparation for childbirth ..... 307
Review of ante-natal training programmes ..... 309
Dick-Read method ..... 309
Psychoprophylactic method ..... 309
Leboyer method ..... 310
Childbirth education ..... 310
The value of ante-natal preparation ..... 310
Hypnosis and childbirth ..... 311
Features of hypnosis in childbirth ..... 311
Application ..... 311
Pain control ..... 312
Other benefits ..... 312
Techniques ..... 312
Possible disadvantages of hypnosis ..... 313
Inability to predict response to hypnosis ..... 314
Adverse attitudes towards hy pnosis ..... 315
Advantages of hypnosis in children ..... 316
General ..... 316
Specific advantages ..... 316
Details of methods of hypnotic preparation ..... 319
Details of hypnotic procedures used in ante-natal preparation ..... 321
Conclusions ..... 323
CHAPTER 18. HYPNOSIS AND RESPIRATORY DISEASE - David R. Collison ..... 327
Introduction ..... 327
Bronchial asthma ..... 327
Hyperventilation ..... 331
Hiccups ..... 332
Coughing ..... 333
Control of smoking ..... 333
CHAPTER 19. HYPNOSIS AND PSYCHOSEXUAL DYSFUNCTION -
Lorraine Dennerstein ..... 341
Introductions ..... 341
Hypnosis and psychosexual disorders ..... 342
Unrealistic expectations ..... 343
Psychosexual dysfunction ..... 343
Aetiology of psychosexual dysfunction ..... 344
Symptomatic ..... 344
Learned ..... 347
Intrapsychic conflict ..... 348
Sexual assessment ..... 349 ..... 349
Sexual history ..... 349
Examination ..... 351
Management ..... 352
Sexual dysfunction or abnormal expectations? ..... 352
Is the sexual dysfunction symptomatic of another problem? ..... 352
Is there acceptance of one's own sexuality? ..... 353
Sexual interaction problems ..... 354
A clinical study ..... 354
Cautions in the use of hypnosis ..... 355
Conclusion ..... 356
CHAPTER 20. HYPNOSIS AND SPORTS MEDICINE - William P. Morgan ..... 359
Overview of sports medicine ..... 359
Use of hypnosis in sports medicine ..... 360
Experimental research ..... 362
Clinical applications ..... 368
Summary ..... 373
CHAPTER 21. HYPNOSIS AND SCHIZOPHRENIA: A REVIEW OF EX- PERIMENTAL AND CLINICAL STUDIES - Germain Lavoie and Michel Sabourin ..... 377
Introduction ..... 377
Part one: experimental studies ..... 378
Waking suggestibility ..... 378
Hypnotic susceptibility ..... 381
Posthypnotic amnesia ..... 391
From experimental to clinical concerns ..... 396
Part two: clinical studies ..... 396
First view: that schizophrenics can hardly by hypnotized ..... 396
Second view: therapeutic hypnosis with schizophrenics is dangerous ..... 399
Third view: hypnosis is not bad, but other modalities are better ..... 400
Fourth view: hypnosis can help in many ways ..... 400
Fifth view: the troubling analogy between hypnosis and schizophrenia ..... 410
Epilogue ..... 411
CHAPTER 22. HYPNOSIS AND TERMINAL ILLNESS - Paul Sacerdote ..... 421
Introduction ..... 421
Selection and training of physicians and psychologists for the use of hypno- sis in terminally ill patients ..... 423
Introducing the patient to hypnosis ..... 424
Introducing physicians to hypnosis ..... 426
Hypnosis for the family of the terminally ill patient ..... 428
The use of hypnosis in the treatment of the terminally ill patient ..... 429
Techniques ..... 432
Case reports ..... 437
Conclusions ..... 440
CHAPTER 23. HYPNOSIS AND DENTISTRY - Jack A. Gerschman, Peter C. Reade and Graham D. Burrows ..... 443
Introduction ..... 443
Historical development ..... 443
Psychology of the oro-facial region ..... 444
Indications for the use of hypnosis ..... 446
Clinical applications of hypnosis in dentistry ..... 446
Control of anxiety and fear ..... 447
The production of dental analgesia ..... 450
The control of syncope ..... 454
Anaesthesia and sedation techniques ..... 455
The control of gagging ..... 457
The control of salivation ..... 459
The control of bleeding ..... 459
The control of postoperative pain and discomfort ..... 462
The elimination of thumb-sucking and tongue-thrusting ..... 463
Paediatric dental hypnosis ..... 465
Psychosomatic oral problems ..... 466
Miscellaneous uses of hypnosis in dentistry ..... 472
Disadvantages and limitations in the use of hypnosis ..... 472
Cautions and precautions in the use of hypnosis ..... 474
Summary and conclusions ..... 475
CHAPTER 24. HYPNOSIS IN GROUPS AND GROUP HYPNOTHERAPY - Bennett B. Braun ..... 481
Group hypnosis overview ..... 481
History ..... 481
Group type and composition ..... 482
Phases of hypnotic work and stages of group development ..... 483
Curative features of groups ..... 485
Hypnosis in groups ..... 485
Groups related to physical health care ..... 486
Groups for increasing productivity ..... 487
Personal growth and encounter groups ..... 487
Psychotherapy groups formed by diagnosis ..... 487
General considerations for group hypnotherapy ..... 488
Indications, contraindications and cautions ..... 488
Cotherapy considerations ..... 489
The introduction of hypnosis to the group ..... 490
Choice of techniques ..... 491
Hypnotherapeutic techniques in group therapy ..... 491
Techniques for the individual in the group setting ..... 491
Techniques for individuals interacting in a group setting and hypnodrama ..... 492
Techniques for working with the group as a whole ..... 493
Conclusions ..... 493
CHAPTER 25. AUTOGENIC TRAINING AND PSYCHOSOMATIC MEDI- CINE - Dietrich Langen ..... 497
Introduction ..... 497
The passive autohypnoid procedures ..... 498
The active autohypnoid methods ..... 498
Prerequisities for autogenic training ..... 501
Description of autogenic training ..... 503
CHAPTER 26. HYPNOTHERAPY AND BEHAVIOUR MODIFICATION - William S. Kroger ..... 509
Introduction ..... 509
Programme phases of the hypnobehavioural mode ..... 511
Historo-diagnosis ..... 511
Hypnotic induction ..... 511
Autohypnosis ..... 511
Imagery conditioning ..... 512
Posthypnotic suggestions on affirmations ..... 513
Hypnobehavioural approach ..... 515
Symptom-manipulation ..... 515
Holistic approach ..... 515
CHAPTER 27. RESEARCH IN HYPNOSIS: AN OVERVIEW OF CURRENT METHODS - Peter W. Sheehan and Campbell W. Perry ..... 517
Introduction ..... 517
Some problem issues and approaches to research ..... 518
The relevance of imagination ..... 518
The influence of artifact ..... 518
Transcedence of waking levels of performance ..... 519
Generality of design ..... 521
Same-subject design ..... 522
General features ..... 522
Holding back ..... 523
Control of series effects ..... 524
Summary ..... 524
Between-subjects design ..... 525
General features ..... 525
Supplementation with base-rate data ..... 526
Summary ..... 527
Sampling control procedures in hypnosis ..... 527
Definition, function and purpose ..... 527
Types of control ..... 528
Rules of logic for making inferences about hypnosis ..... 530
Summary ..... 532
Sampling of experimental procedures ..... 533
Definition, function and purpose ..... 533
Summary ..... 534
Summary of guidelines to methodological practice ..... 534
Strong and weak inferences about hypnosis ..... 535
Principles of practice ..... 535
Conclusion ..... 538
INDEX ..... 543

