

1. Child Psychiatry

- ☒ Normal development during childhood and adolescence
- ☒ Psychiatric examination and psychological testing of children and adolescents
- ☒ Mental retardation (Intellectual disability / Intellectual developmental disorder)
- ☒ Learning disorders
- ☒ Motor skills disorder: Developmental coordination disorder
- ☒ Communication disorders
- ☒ Pervasive developmental disorders
- ☒ Attention-deficit disorders
- ☒ Disruptive behavior disorders
- ☒ Feeding and eating disorders of infancy or early childhood
- ☒ Tic disorders
- ☒ Elimination disorders
- ☒ Mood disorders and suicide in children and adolescents
- ☒ Anxiety disorders of infancy, childhood, and adolescence
- ☒ Early-onset schizophrenia
- ☒ Adolescent substance abuse
- ☒ Reactive attachment disorder, stereotypic movement disorder
- ☒ Borderline intellectual functioning, academic problems, antisocial behavior in childhood or adolescence, identity problem
- ☒ Ethical and legal issues, adoption and foster care, child maltreatment and abuse, impact of terrorism on children
- ☒ Adult outcomes of childhood psychiatric disorders
- ☒ Psychiatric treatment of children and adolescents (Psychopharmacology and psychological treatments)

2. General Psychiatry

a. Psychiatric examination and diagnosis

- ☒ Communication, interpersonal skills & the patient-doctor relationship
- ☒ Signs and symptoms of mental disorders (Psychopathology)
- ☒ Psychiatric history
- ☒ Mental status examination
- ☒ Clinical neuropsychological and neuropsychiatric assessment
- ☒ Structured diagnostic interviews, questionnaires and psychiatric rating scales
- ☒ Medical assessment & laboratory testing in Psychiatry
- ☒ Classification in Psychiatry

b. Core disorders and syndromes

- ☒ Substance-related disorders
- ☒ Schizophrenia
- ☒ Other psychotic disorders
- ☒ Mood disorders
- ☒ Anxiety disorders
- ☒ Somatoform disorders
- ☒ Chronic fatigue syndrome and neurasthenia
- ☒ Factitious disorders
- ☒ Dissociative disorders
- ☒ Human sexuality, sexual dysfunctions and paraphilias

- ☒ Gender identity disorders
- ☒ Eating disorders
 - Normal sleep and sleep disorders
- ☒ Impulse-control disorders
- ☒ Adjustment disorders
- ☒ Personality disorders
- ☒ Suicide and deliberate self-harm
- ☒ Aggression / violent behaviour
- ☒ Relational problems
- ☒ Culture-bound syndromes

Note: The study of various psychiatric disorders has to be covered based on the following domains: Epidemiology (Indian and global research data), aetiology (biological, genetic and psychosocial factors), clinical features, diagnosis, course, outcome, prognosis, and treatment methods.

c. Additional issues that may be a focus of clinical attention

- ☒ Malingering
- ☒ Adult antisocial behavior, criminality and violence
- ☒ Borderline intellectual functioning and academic problems
- ☒ Occupational problems
- ☒ Acculturation problems
- ☒ Phase of life problems
- ☒ Noncompliance with treatment
- ☒ Age-related cognitive decline

d. Special and miscellaneous areas of interest

- ☒ Ethical issues in clinical psychiatry
- ☒ Premenstrual dysphoric disorder
- ☒ Genetic counselling in psychiatric practice
- ☒ End-of-life care and palliative medicine
- ☒ Death, dying, and bereavement
- ☒ Problems related to physical/sexual abuse or neglect
- ☒ Mental health issues in survivors of torture
- ☒ Mental health of military personnel
- ☒ Mental health issues in disasters
- ☒ Terrorism and mental health
- ☒ Assessment of disability
- ☒ Spirituality, religion and mental health
- ☒ Mental health of physicians and medical students
- ☒ Telepsychiatry

3. Psychopharmacology

- ☒ Clinical psychopharmacology: Pharmacokinetics, pharmacodynamics, approved indications, dosage regimens, practice guidelines and treatment algorithms, precautions & adverse effects, drug interactions, continuation treatment, maintenance treatment & prophylaxis
- ☒ Specific treatment algorithms for poor response & treatment resistance; Drug augmentation and combination strategies

☒ Psychopharmacology in special patient groups/populations: Pregnancy & lactation, medical comorbidity

4. Psychotherapies and other treatment modalities

- ✓ Cognitive therapy,
- ✓ Behaviour therapy,
- ✓ Interpersonal therapy,
- ✓ Dialectical behaviour therapy,
- ✓ Family therapy, couples therapy,
- ✓ Group therapy and
- ✓ Other psychotherapeutic techniques

☒ Rehabilitation

☒ Reproductive hormonal therapy

☒ Electroconvulsive therapy and other brain stimulation methods

☒ Neurosurgical treatments in psychiatric practice

☒ Other pharmacological and biological therapies

☒ Complementary and alternative medicine in Psychiatry (Yoga, music therapy, etc.)

5. Statistics

- ✓ Probability Distribution: Binomial, Poisson and Normal
- ✓ Test of significance : Large sample tests, small sample tests : t-test, F-test and Chi-square test
- ✓ Correlation and Regression: Simple , rank, Partial, Multiple correlation and regression
- ✓ Sampling and Design of Experiments
- ✓ Inference : Testing of hypothesis , simple against simple, properties of good estimators
- ✓ Time Series: Methods of measuring : linear trend , seasonal variations