

PGx in Psychiatry — Antidepressants Antipsychotics & TDM — Hands-on

Link pharmacogenomic concepts with real world psychiatry decisions. This module focuses on antidepressants, antipsychotics and the role of therapeutic drug monitoring (TDM), helping you structure PGx informed choices and monitoring plans for depression, anxiety and psychosis care pathways.

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Session 1

Fee: Rs 8800 [Apply Now](#)

Psychiatry PGx Foundations & Pathways

Where PGx fits in depression, anxiety and psychosis care

[treatment resistance themes](#) [early intolerability and side effects](#) [polypharmacy in long term care](#)

ADME pathways relevant to psychotropics (conceptual)

[hepatic metabolism and clearance](#) [transport and blood-brain barrier themes](#) [half life and steady state](#)

thinking

Outcomes of interest in psychiatry PGx

response and remission rates **activation, sedation and weight gain** **adherence and relapse prevention**

Session 2

Fee: Rs 11800 Apply Now

Antidepressants, Response Variability & PGx

Concepts around antidepressant exposure and response

once daily vs divided dosing themes **time to steady state and washout** **titration and cross taper ideas**

Gene–drug concepts for antidepressants (conceptual)

metabolic phenotype and exposure **early side effects vs non response patterns** **when PGx can inform selection or dose bands**

Case style themes: switching, augmentation and monitoring

insufficient response with side effects **combination regimens conceptually** **role of follow up and counselling**

Session 3

Fee: Rs 14800 Apply Now

Antipsychotics, Side Effects & PGx

Exposure linked side effect themes for antipsychotics

sedation and cognitive slowing **metabolic changes conceptually** **movement symptom themes**

PGx related concepts for antipsychotic exposure variation

metabolic phenotype and concentration **polypharmacy and interaction ideas** **vulnerable**

patient subgroups

Structuring antipsychotic PGx considerations in notes

baseline and follow up monitoring lists

communication with carers and team **link to long term risk management**

Session 4

Fee: Rs 18800 Apply Now

TDM, PGx & Mini Caseboard

Where therapeutic drug monitoring adds value in psychiatry

links between trough levels and exposure **adherence and interaction checks** **combining TDM with PGx insights**

Worked case: antidepressant or antipsychotic with PGx and TDM

summarize clinical context **interpret conceptual level concentration** **outline monitoring and follow up plan**

Deliverables: psychiatry PGx–TDM clinic note and slide

PDF or PPTX **ready for case conferences** **template for future PGx consults**