

Monitoring General & BEN Population

Adapted from Clozapine for Schizophrenia: A Treatment Update

By Ashley Khan, PharmD

General Population

| ANC | Treatment Recommendation | Monitoring |
|---|---|--|
| Normal range: ANC \geq 1500/ μ L | Initiate treatment If interrupted: < 30 days, continue monitoring as before \geq 30 days, monitor as if new | Weekly for first 6 months Every 2 weeks from 6-12 months Monthly after 12 months |
| Mild neutropenia: ANC = 1000-1499/ μ L | Continue treatment | 3 times/week until ANC \geq 1500/ μ L \rightarrow return to last "normal range" interval |
| Moderate neutropenia: ANC = 500-999/ μ L | Recommend hematology consult Interrupt treatment until ANC \geq 1000/ μ L | Daily until ANC \geq 1000/ μ L \rightarrow 3 times/week until ANC \geq 1500/ μ L \rightarrow weekly x 4 weeks \rightarrow return to last "normal range" interval |
| Severe neutropenia: ANC < 500/ μ L | Recommend hematology consult Interrupt treatment Do not rechallenge unless prescriber determines benefit outweighs risk | Daily until ANC \geq 1000/ μ L \rightarrow 3 times/week until ANC \geq 1500/ μ L If rechallenged, resume treatment as a new patient under "normal range" monitoring |

BEN Population

| ANC | Treatment Recommendation | Monitoring |
|--|---|---|
| Normal range: ANC \geq 1000/ μ L (obtain \geq 2 baseline levels) | Initiate treatment If interrupted: <30 days, continue monitoring as before \geq 30 days, monitor as if new | Weekly for first 6 months Every 2 weeks from 6-12 months Monthly after 12 months |
| Moderate neutropenia: ANC = 500-999/ μ L | Recommend hematology consult Continue treatment | 3 times/week until ANC \geq 1000/ μ L or \geq known baseline \rightarrow weekly x 4 weeks \rightarrow return to last "normal range" interval |
| Severe neutropenia: ANC < 500/ μ L | Recommend hematology consult Interrupt treatment Do not rechallenge unless prescriber determines benefit outweighs risk | Daily until ANC \geq 500/ μ L \rightarrow 3 times/week until ANC \geq baseline If rechallenged, resume treatment as a new patient under "normal range" monitoring when ANC \geq 1000/ μ L or at known baseline |

