Therapeutic Drug Monitoring

**SYMPTOMS CHANGE THROUGHOUT INFUSION INTERVAL?**

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- **Pursue other reasons for symptoms**

**How does the patient respond to infusions?**

- **Immediate, complete response to infusion, but symptoms recur late in infusion interval**
- **Incomplete response to infusion, symptoms continue to worsen throughout infusion interval**

**Investigate & assess disease activity**

- **Active inflammatory disease**
- **Non-inflammatory disease**

**Draw IFX and ATI trough levels, perform labwork**

- (Manage appropriately)
- No change in IFX dosing

**Assess IFX level**

- Therapeutic IFX (> 7 µg/ml)
- Low detectable IFX (< 3–7 µg/ml)
- No detectable IFX

**Clear inflammatory disease?**

- If yes, see **

**Assess ATI level (only when IFX is not detectable)**

- No detectable ATI “ATI negative”
- Measurable, low titre ATI (0–8 µg/ml)
- High titre ATI (> 8 µg/ml)

**Dose optimize (shorten interval)**

- Dose optimize (double dose)
- Switch within class, consider combo

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