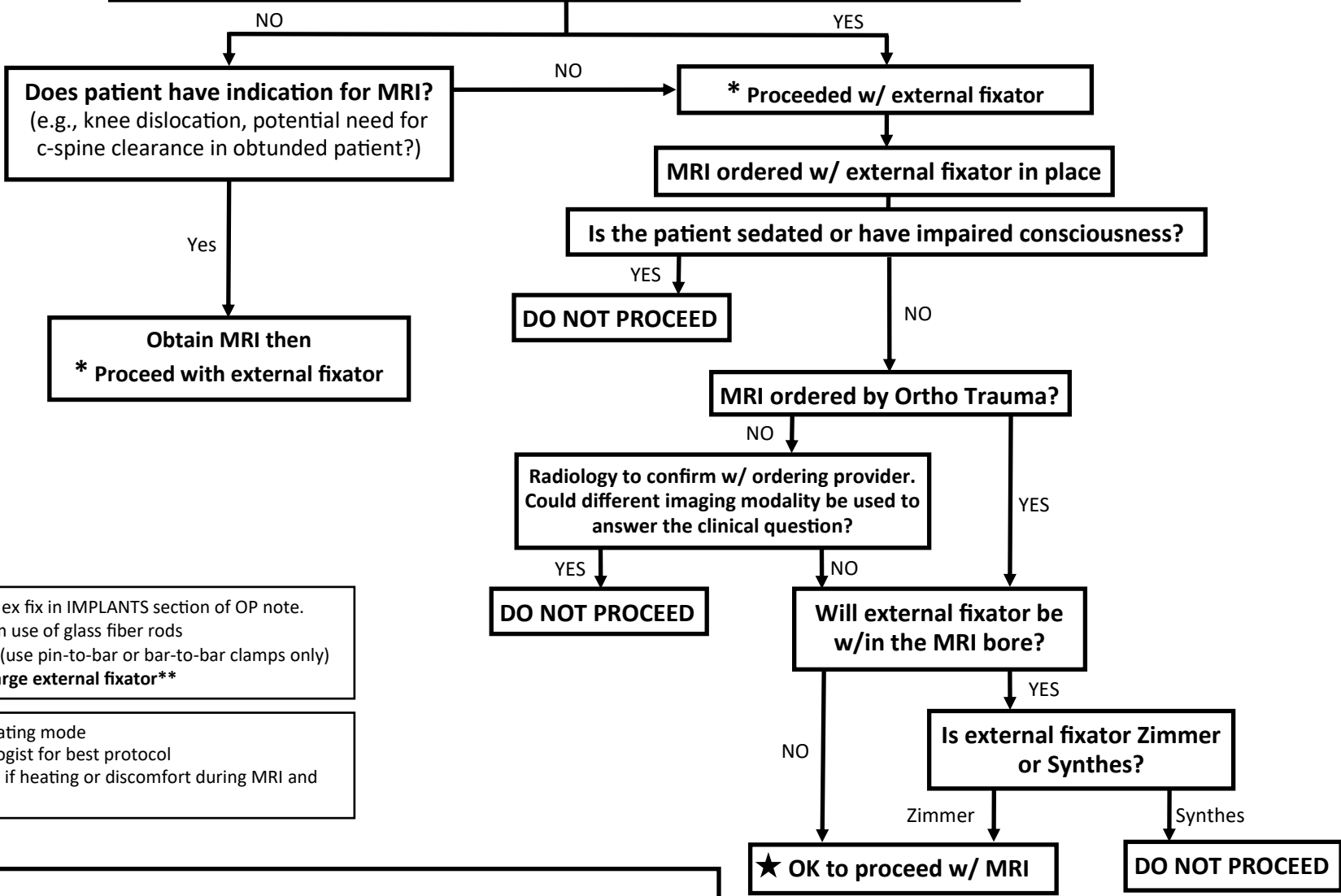


Physician clinical judgement supersedes this guideline

Clinical Practice Guideline (CPG) MRI & External Fixator



**Poly Trauma Patient in Need of External Fixator
Is Need Emergent?**



*Surgeon to document which ex fix in IMPLANTS section of OP note.
If Zimmer → confirm use of glass fiber rods
If possible avoid large clamps (use pin-to-bar or bar-to-bar clamps only)
****Zimmer Recommended - large external fixator****

★ - 1.5T only NORMAL operating mode
- Consult attending radiologist for best protocol
- Patient to alert MRI tech if heating or discomfort during MRI and
STOP IMMEDIATELY

References:
Jonathan D. Gillig, M. R. (2018). Safety and Complications Associated With MRI-Conditional. *Journal of Orthopedic Trauma*, 521-525.
Joshua N. Milby, D. J. (2020). External Orthopaedic Implants in the Magnetic Resonance Environment: Current Concepts and Controversies. *Journal of the American Academy of Orthopaedic Surgeons*, 139-144.
Kevin J. Perry, M. D. (2018). Third Place: MRI safety of external fixation devices: a. *Current Orthopaedic Practice*, 302-307.

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