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### Preferences for internal fixation of olecranon fractures in the adult population

1. **Which environment are you currently working in?**
   - ☐ Academic Centre
   - ☐ Community Hospital

2. **How many olecranon fractures do you typically treat in one year?**
   - ☐ 0-10
   - ☐ 10-20
   - ☐ 20-30
   - ☐ 30-40
   - ☐ >40

3. **What is your preferred method for the internal fixation of a displaced noncomminuted (Mayo Class IIa) olecranon fracture?**
   - ☐ Compression plating
   - ☐ Tension band wiring
   - ☐ Intramedullary nail fixation
   - ☐ Other (please specify) [ ]

4. **What is your preferred method for the internal fixation of a displaced comminuted (Mayo Class IIb) olecranon fracture?**
   - ☐ Compression plating
   - ☐ Tension band wiring
   - ☐ Intramedullary nail fixation
   - ☐ Other (please specify) [ ]

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5. Please rate the following factors according to their impact on your preferred management of olecranon fractures. Please specify how each factor impacts your management decisions.

<table>
<thead>
<tr>
<th>Factor</th>
<th>0 (No Impact)</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4 (Major factor impacting management decision)</th>
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<tbody>
<tr>
<td>Fracture Morphology</td>
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<td>How does this factor impact practice?</td>
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<td>Displacement</td>
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<td>How does this factor impact practice?</td>
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<td>Commination</td>
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<td>How does this factor impact practice?</td>
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<td>Bone quality</td>
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<td>How does this factor impact practice?</td>
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<td>How does this factor impact practice?</td>
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<td>Patient factors</td>
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<td>Cost</td>
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<td>How does this factor impact practice?</td>
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</table>

6. Which factors would deter you from using compression plating for displaced noncomminuted (Mayo Class IIA) olecranon fractures?

- [ ] Decreased time required for alternative methods of fixation (i.e., tension band wiring)
- [ ] Better outcomes experienced by patients with other methods
- [ ] Alternative constructs provide more stability
- [ ] Increased patient satisfaction with alternative methods
- [ ] No factors would deter me from using compression plating
- [ ] Other (please specify)

7. Which factors would deter you from using tension band wiring for the fixation of displaced comminuted (Mayo Class IIb) olecranon fractures?

- [ ] Better rate of union with alternative methods
- [ ] Hardware prominence
- [ ] Increased stability obtained with alternative methods
- [ ] Increased patient satisfaction with other methods
- [ ] No factors would deter me from using tension band wiring
- [ ] Other (please specify)

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8. What is the biggest complication you experience when using tension band wiring fixation?
   - Symptomatic prominence of K-wire
   - Hardware failure
   - Fracture displacement
   - Infection
   - Decreased range of motion
   - Other (please specify)

9. What is the biggest complication that you experience when using compression plating?
   - Symptoms requiring hardware removal
   - Hardware failure
   - Fracture displacement
   - Infection
   - Decreased range of motion
   - Other (please specify)

10. Thank you for taking the time to complete this survey. Please include any further comments below.

   [Text box for comments]