



## Supplementary Material

Table a. Demographics of Delphi Panel.

Participant	Main specialty interest	Time on specialist register (years)	On trauma rota at time of survey
1	Paediatrics	16	Y
2	Hip	13	Y
3	Hand	3	Y
4	Foot & Ankle	8	Y
5	Pelvic & Acetabular	6	Y
6	Complex trauma	8	Y
7	Hand	4	Y
8	Knee	5	N
9	Hip	16	Y
10	Paediatrics	10	Y
11	Hand	5	Y
12	Hand	14	Y
13	Complex trauma	24	Y
14	Complex trauma	5	Y
15	Knee	16	N
16	Hand	8	Y
17	Paediatric	3	Y
18	Foot & Ankle	9	Y
19	Paediatric	4	Y

Table b. Fracture complexity by surgeon experience level.

Procedure	Fracture complexity	Novice (residents < ten cases)	Intermediate (residents ≥ ten cases)
dynamic hip screw, n (%)	Simple	103 (72)	136 (71)
	Moderate	20 (14)	26 (14)
	Complex	20 (14)	30 (15)
Hemiarthroplasty, n (%)	Simple	101 (86)	109 (91)
	Complex	16 (14)	11 (9)

**Table c.** Fracture complexity codes by AO classification.

<b>DHS</b>	
<b>Complexity</b>	<b>AO fracture classification</b>
Simple	31A1.1 31A1.2 31A1.3
Moderate	31B1 31B2 31B3
Complex	31A2.2 31A2.3 31A3.1 31A3.2 31A3.3
<b>Hemiarthroplasty</b>	
Simple	31B1 31B2
Complex	31B3