



# DELIVERING VALUE TO PROVIDERS

## Distal Radius Sterile Kit (DRSK)

As the incidence of wrist fractures increases<sup>1</sup>, DePuy Synthes is innovating in single-use kits to improve efficiencies, reduce costs and minimise delays.

### STEPS TAKEN

#### With DRSK

- 1 Surgery scheduled
- 2 Implants and instruments ordered for case
- 3 Sterile kits delivered to hospital
- 4 Sterile product transported to Operating Room (OR)
- 5 Trays checked for sterility breaches
- 6 Implants and instruments are unpacked for use in surgery
- 7 Used implants are logged and catalogue numbers recorded for reordering
- 8 Remaining sterile kits returned to company

8 steps

Distal Radius Sterile Kit was designed to **eliminate over 50% of steps** associated with processing reusable sets.

#### Without DRSK

- 1 Surgery scheduled
- 2 Implants and instruments ordered for case
- 3 Trays delivered to hospital
- 4 Trays washed and cooled
- 5 Trays checked for completeness
- 6 Trays sterilised
- 7 Sterile product transported to OR
- 8 Trays checked for sterility breaches
- 9 Implants and instruments are unpacked for use in surgery
- 10 Used implants are logged and catalogue numbers recorded for reordering
- 11 Used trays transported to Sterile Processing Department (SPD)
- 12 Cannulated instruments inspected/hand washed
- 13 Trays machine washed
- 14 Trays re-assembled
- 15 Trays checked for completeness
- 16 Trays sterilised/decontaminated
- 17 Trays returned to company

17 steps

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### Cost Reductions

- Single-use kits may save approximately \$267 per orthopaedic procedure from sterilisation, transport and handling costs associated with reusable sets.<sup>3,4, 5</sup>
- A recent study has shown an average 55 minutes of OR delay caused by factors such as sterile wrap tears and missing instruments. These delays result in hospital losses of approximately \$1,049 per procedure in OR staffing costs and \$4,332 in OR running costs.<sup>2, 4, 6, 7, 10</sup>



### Improved Efficiency

- The number one barrier to a 'perfect case' has been reported as slow instrument turnaround.<sup>8</sup>
- In a study of 50 distal radius procedures missing instruments were the cause of delays in 14% of cases.<sup>9</sup>
- Missing instruments or delayed set delivery may cancel or delay surgical procedures resulting in reduced caseload volumes. Intraoperative delays of just 10 minutes may cost a hospital over \$155,520 per year.<sup>4, 5, 11</sup>



# THE SOLUTION

## Distal Radius Sterile Kit

Optimising work flow efficiency

- Complete and ready to use
- Streamlined instrumentation
- Comprehensive surgical options
- Designed for consistency
- Promote economic savings by avoiding sterilisation costs



Detailed Economic Calculator on Distal Radius Sterile Kit available on request

# REFERENCES

## Distal Radius Sterile Kit

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