



**AFFIXUS®**  
Hip Fracture Nail

**Quick Reference Guide**

**BIOMET®**  
TRAUMA

# AFFIXUS<sup>®</sup> Hip Fracture Nail

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## Short Nail Technique



1 – Insert Guide Pin



2 – Open Femoral Canal



3 – Reaming Technique



4 – Insert Nail



5 – Insert Lag Screw



6 – Proximal Locking



7 – Insert AR Screw (Optional)



8 – Distal Locking



9 – Insert End Cap (Optional)

# **AFFIXUS®** Hip Fracture Nail

## Long Nail Technique



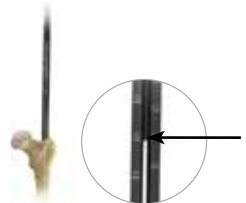
1 – Insert Guide Pin



2 – Open Femoral Canal



3 – Reaming Technique



4 – Determine Nail Length



5 – Insert Nail



6 – Insert Lag Screw



7 – Proximal Locking



8 – Insert AR Screw (Optional)



9 – Distal Locking



10 – Insert End Cap (Optional)

LONG NAIL TECHNIQUE

**Lefts                      Rights**

Long Nails, 9 MM, 125°

|             |             |                    |
|-------------|-------------|--------------------|
| 8144-09-260 | 8143-09-260 | 125° 9 MM X 260 MM |
| 8144-09-280 | 8143-09-280 | 125° 9 MM X 280 MM |
| 8144-09-300 | 8143-09-300 | 125° 9 MM X 300 MM |
| 8144-09-320 | 8143-09-320 | 125° 9 MM X 320 MM |
| 8144-09-340 | 8143-09-340 | 125° 9 MM X 340 MM |
| 8144-09-360 | 8143-09-360 | 125° 9 MM X 360 MM |
| 8144-09-380 | 8143-09-380 | 125° 9 MM X 380 MM |
| 8144-09-400 | 8143-09-400 | 125° 9 MM X 400 MM |
| 8144-09-420 | 8143-09-420 | 125° 9 MM X 420 MM |
| 8144-09-440 | 8143-09-440 | 125° 9 MM X 440 MM |
| 8144-09-460 | 8143-09-460 | 125° 9 MM X 460 MM |

**Lefts                      Rights**

Long Nails, 9 MM, 130°

|             |             |                    |
|-------------|-------------|--------------------|
| 8146-09-260 | 8145-09-260 | 130° 9 MM X 260 MM |
| 8146-09-280 | 8145-09-280 | 130° 9 MM X 280 MM |
| 8146-09-300 | 8145-09-300 | 130° 9 MM X 300 MM |
| 8146-09-320 | 8145-09-320 | 130° 9 MM X 320 MM |
| 8146-09-340 | 8145-09-340 | 130° 9 MM X 340 MM |
| 8146-09-360 | 8145-09-360 | 130° 9 MM X 360 MM |
| 8146-09-380 | 8145-09-380 | 130° 9 MM X 380 MM |
| 8146-09-400 | 8145-09-400 | 130° 9 MM X 400 MM |
| 8146-09-420 | 8145-09-420 | 130° 9 MM X 420 MM |
| 8146-09-440 | 8145-09-440 | 130° 9 MM X 440 MM |
| 8146-09-460 | 8145-09-460 | 130° 9 MM X 460 MM |

**Lefts****Rights**

Long Nails, 11 MM, 125°

|             |             |                     |
|-------------|-------------|---------------------|
| 8144-11-260 | 8143-11-260 | 125° 11 MM X 260 MM |
| 8144-11-280 | 8143-11-280 | 125° 11 MM X 280 MM |
| 8144-11-300 | 8143-11-300 | 125° 11 MM X 300 MM |
| 8144-11-320 | 8143-11-320 | 125° 11 MM X 320 MM |
| 8144-11-340 | 8143-11-340 | 125° 11 MM X 340 MM |
| 8144-11-360 | 8143-11-360 | 125° 11 MM X 360 MM |
| 8144-11-380 | 8143-11-380 | 125° 11 MM X 380 MM |
| 8144-11-400 | 8143-11-400 | 125° 11 MM X 400 MM |
| 8144-11-420 | 8143-11-420 | 125° 11 MM X 420 MM |
| 8144-11-440 | 8143-11-440 | 125° 11 MM X 440 MM |
| 8144-11-460 | 8143-11-460 | 125° 11 MM X 460 MM |

**Lefts****Rights**

Long Nails, 11 MM, 130°

|             |             |                     |
|-------------|-------------|---------------------|
| 8146-11-260 | 8145-11-260 | 130° 11 MM X 260 MM |
| 8146-11-280 | 8145-11-280 | 130° 11 MM X 280 MM |
| 8146-11-300 | 8145-11-300 | 130° 11 MM X 300 MM |
| 8146-11-320 | 8145-11-320 | 130° 11 MM X 320 MM |
| 8146-11-340 | 8145-11-340 | 130° 11 MM X 340 MM |
| 8146-11-360 | 8145-11-360 | 130° 11 MM X 360 MM |
| 8146-11-380 | 8145-11-380 | 130° 11 MM X 380 MM |
| 8146-11-400 | 8145-11-400 | 130° 11 MM X 400 MM |
| 8146-11-420 | 8145-11-420 | 130° 11 MM X 420 MM |
| 8146-11-440 | 8145-11-440 | 130° 11 MM X 440 MM |
| 8146-11-460 | 8145-11-460 | 130° 11 MM X 460 MM |

PRODUCT OFFERING

## Lefts Rights

Long Nails, 13 MM, 125°

|             |             |                     |
|-------------|-------------|---------------------|
| 8144-13-260 | 8143-13-260 | 125° 13 MM X 260 MM |
| 8144-13-280 | 8143-13-280 | 125° 13 MM X 280 MM |
| 8144-13-300 | 8143-13-300 | 125° 13 MM X 300 MM |
| 8144-13-320 | 8143-13-320 | 125° 13 MM X 320 MM |
| 8144-13-340 | 8143-13-340 | 125° 13 MM X 340 MM |
| 8144-13-360 | 8143-13-360 | 125° 13 MM X 360 MM |
| 8144-13-380 | 8143-13-380 | 125° 13 MM X 380 MM |
| 8144-13-400 | 8143-13-400 | 125° 13 MM X 400 MM |
| 8144-13-420 | 8143-13-420 | 125° 13 MM X 420 MM |
| 8144-13-440 | 8143-13-440 | 125° 13 MM X 440 MM |
| 8144-13-460 | 8143-13-460 | 125° 13 MM X 460 MM |

## Lefts Rights

Long Nails, 13 MM, 130°

|             |             |                     |
|-------------|-------------|---------------------|
| 8146-13-260 | 8145-13-260 | 130° 13 MM X 260 MM |
| 8146-13-280 | 8145-13-280 | 130° 13 MM X 280 MM |
| 8146-13-300 | 8145-13-300 | 130° 13 MM X 300 MM |
| 8146-13-320 | 8145-13-320 | 130° 13 MM X 320 MM |
| 8146-13-340 | 8145-13-340 | 130° 13 MM X 340 MM |
| 8146-13-360 | 8145-13-360 | 130° 13 MM X 360 MM |
| 8146-13-380 | 8145-13-380 | 130° 13 MM X 380 MM |
| 8146-13-400 | 8145-13-400 | 130° 13 MM X 400 MM |
| 8146-13-420 | 8145-13-420 | 130° 13 MM X 420 MM |
| 8146-13-440 | 8145-13-440 | 130° 13 MM X 440 MM |
| 8146-13-460 | 8145-13-460 | 130° 13 MM X 460 MM |

**Lefts****Rights**

Long Nails, 15 MM, 130°

|             |             |                     |
|-------------|-------------|---------------------|
| 8146-15-320 | 8145-15-320 | 130° 15 MM X 320 MM |
| 8146-15-360 | 8145-15-360 | 130° 15 MM X 360 MM |
| 8146-15-400 | 8145-15-400 | 130° 15 MM X 400 MM |
| 8146-15-440 | 8145-15-440 | 130° 15 MM X 440 MM |

**Short Nails, 125°**

|             |                     |
|-------------|---------------------|
| 8143-09-180 | 125° 9 MM X 180 MM  |
| 8143-11-180 | 125° 11 MM X 180 MM |
| 8143-13-180 | 125° 13 MM X 180 MM |

**Short Nails, 130°**

|             |                     |
|-------------|---------------------|
| 8145-09-180 | 130° 9 MM X 180 MM  |
| 8145-11-180 | 130° 11 MM X 180 MM |
| 8145-13-180 | 130° 13 MM X 180 MM |

### Lag Screws

|             |                            |
|-------------|----------------------------|
| 8145-10-070 | LAG SCREW 10.5 MM X 70 MM  |
| 8145-10-075 | LAG SCREW 10.5 MM X 75 MM  |
| 8145-10-080 | LAG SCREW 10.5 MM X 80 MM  |
| 8145-10-085 | LAG SCREW 10.5 MM X 85 MM  |
| 8145-10-090 | LAG SCREW 10.5 MM X 90 MM  |
| 8145-10-095 | LAG SCREW 10.5 MM X 95 MM  |
| 8145-10-100 | LAG SCREW 10.5 MM X 100 MM |
| 8145-10-105 | LAG SCREW 10.5 MM X 105 MM |
| 8145-10-110 | LAG SCREW 10.5 MM X 110 MM |
| 8145-10-115 | LAG SCREW 10.5 MM X 115 MM |
| 8145-10-120 | LAG SCREW 10.5 MM X 120 MM |
| 8145-10-125 | LAG SCREW 10.5 MM X 125 MM |
| 8145-10-130 | LAG SCREW 10.5 MM X 130 MM |

### Anti-Rotation Screws

|             |                  |
|-------------|------------------|
| 8145-01-050 | A/R SCREW 50 MM  |
| 8145-01-055 | A/R SCREW 55 MM  |
| 8145-01-060 | A/R SCREW 60 MM  |
| 8145-01-065 | A/R SCREW 65 MM  |
| 8145-01-070 | A/R SCREW 70 MM  |
| 8145-01-075 | A/R SCREW 75 MM  |
| 8145-01-080 | A/R SCREW 80 MM  |
| 8145-01-085 | A/R SCREW 85 MM  |
| 8145-01-090 | A/R SCREW 90 MM  |
| 8145-01-095 | A/R SCREW 95 MM  |
| 8145-01-100 | A/R SCREW 100 MM |
| 8145-01-105 | A/R SCREW 105 MM |
| 8145-01-110 | A/R SCREW 110 MM |

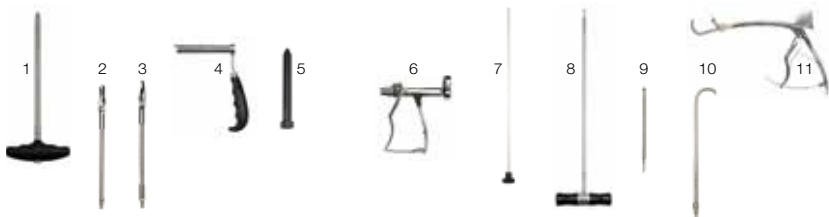
## Distal Screws

|             |                                  |
|-------------|----------------------------------|
| 8145-50-020 | CORTICAL BONE SCR 5.0 MM X 20 MM |
| 8145-50-022 | CORTICAL BONE SCR 5.0 MM X 22 MM |
| 8145-50-024 | CORTICAL BONE SCR 5.0 MM X 24 MM |
| 8145-50-026 | CORTICAL BONE SCR 5.0 MM X 26 MM |
| 8145-50-028 | CORTICAL BONE SCR 5.0 MM X 28 MM |
| 8145-50-030 | CORTICAL BONE SCR 5.0 MM X 30 MM |
| 8145-50-032 | CORTICAL BONE SCR 5.0 MM X 32 MM |
| 8145-50-034 | CORTICAL BONE SCR 5.0 MM X 34 MM |
| 8145-50-036 | CORTICAL BONE SCR 5.0 MM X 36 MM |
| 8145-50-038 | CORTICAL BONE SCR 5.0 MM X 38 MM |
| 8145-50-040 | CORTICAL BONE SCR 5.0 MM X 40 MM |
| 8145-50-042 | CORTICAL BONE SCR 5.0 MM X 42 MM |
| 8145-50-044 | CORTICAL BONE SCR 5.0 MM X 44 MM |
| 8145-50-046 | CORTICAL BONE SCR 5.0 MM X 46 MM |
| 8145-50-048 | CORTICAL BONE SCR 5.0 MM X 48 MM |

|             |                                  |
|-------------|----------------------------------|
| 8145-50-050 | CORTICAL BONE SCR 5.0 MM X 50 MM |
| 8145-50-052 | CORTICAL BONE SCR 5.0 MM X 52 MM |
| 8145-50-054 | CORTICAL BONE SCR 5.0 MM X 54 MM |
| 8145-50-056 | CORTICAL BONE SCR 5.0 MM X 56 MM |
| 8145-50-058 | CORTICAL BONE SCR 5.0 MM X 58 MM |
| 8145-50-060 | CORTICAL BONE SCR 5.0 MM X 60 MM |
| 8145-50-065 | CORTICAL BONE SCR 5.0 MM X 65 MM |
| 8145-50-070 | CORTICAL BONE SCR 5.0 MM X 70 MM |
| 8145-50-075 | CORTICAL BONE SCR 5.0 MM X 75 MM |
| 8145-50-080 | CORTICAL BONE SCR 5.0 MM X 80 MM |

## End Caps

|             |                        |
|-------------|------------------------|
| 8145-03-000 | END CAP FLUSH          |
| 8145-03-005 | END CAP 5 MM           |
| 8145-03-101 | IN CAP FLUSH IMPINGING |



## AFFIXUS® Hip Fracture Nail System

2112-01-000 INSTRUMENT CASE 2  
 2112-01-001 INSTRUMENT CASE 1  
 2112-01-800 FA INSTRUMENT CASE

### General

2810-01-004 T-HANDLE HUDSON  
 8261-66-000 RATCHET SCREWDRIVER HANDLE SMALL

### Entry

2112-01-100 AWL ..... 1  
 2112-01-102 ENTRY REAMER SOLID SHAFT..... 2  
 2112-01-103 ENTRY REAMER FLEXIBLE SHAFT..... 3  
 2112-01-104 ENTRY PORTAL ..... 4  
 2810-13-004 ENTRY PORTAL TROCHAR ..... 5

### Reduction

9030-03-004 THREADED GUIDE PIN 3.2 MM\*  
 2810-01-175 3.2 X 444 MM THR GUIDE PIN STERILE\*  
 2810-01-080 BALL NOSE GUIDEWIRE 80 CM\*  
 2810-01-100 BALL NOSE GUIDEWIRE 100 CM\*  
 2810-01-001 PISTOL GUIDEWIRE GRIPPER..... 6  
 2810-01-026 GUIDEWIRE PUSHER ..... 7  
 2810-01-007 LONG REDUCTION TOOL..... 8  
 2142-02-012 BALL SPIKE PUSHER ..... 9  
 2112-01-003 BONE HOOK..... 10  
 2141-19-000 FEMORAL BONE CLAMP..... 11

\* Products are disposable.



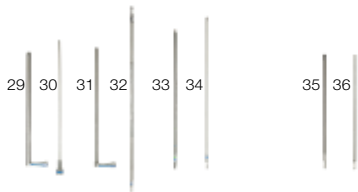
### Nail Insertion

|             |                                     |    |
|-------------|-------------------------------------|----|
| 2112-01-106 | NAIL DEPTH GAUGE.....               | 12 |
| 2112-01-200 | INSERTION JIG 125° .....            | 13 |
| 2112-01-207 | FA INSERTION JIG 125° .....         |    |
| 2112-01-201 | INSERTION JIG 130° .....            | 14 |
| 2112-01-208 | FA INSERTION JIG 130° .....         |    |
| 2112-01-202 | INSERTION JIG BOLT .....            | 15 |
| 2112-01-205 | JIG KNOB .....                      |    |
| 2112-01-206 | JIG KNOB RETAINER .....             |    |
| 2810-13-037 | FLEXIBLE JIG BOLT DRIVER 8 MM ..... | 16 |
| 2810-13-006 | JIG BOLT DRIVER 8 MM .....          |    |
| 2112-01-204 | IMPACTION TOOL .....                | 17 |



### Lag Screw Placement

|             |                                   |    |
|-------------|-----------------------------------|----|
| 2112-01-300 | LAG SCREW SHEATH.....             | 18 |
| 2112-01-301 | LAG SCREW TROCHAR.....            | 19 |
| 2112-01-302 | LAG SCREW 3.2 MM SLEEVE.....      | 20 |
| 2112-01-304 | LAG SCREW DEPTH GAUGE.....        | 21 |
| 2112-01-303 | LAG SCREW DRILL.....              | 22 |
| 2112-01-310 | LAG SCREW TAP .....               | 23 |
| 2112-01-307 | LAG SCREW DRIVER .....            | 24 |
| 2112-01-306 | LAG SCREW COUPLING ROD .....      | 25 |
| 2112-01-308 | COMPRESSION WHEEL.....            | 26 |
| 2112-01-309 | 5 MM HEX DRIVER - SET SCREW ..... | 27 |
| 2112-01-320 | FA HEX DRIVER .....               |    |
| 2112-01-312 | GUIDE PIN POSITIONING TOOL.....   | 28 |

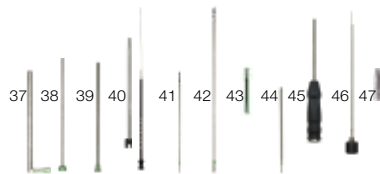


### AR Screw Placement

|             |                                                   |    |
|-------------|---------------------------------------------------|----|
| 2112-01-501 | A/R SCREW SHEATH.....                             | 29 |
| 2112-01-502 | A/R SCREW TROCHAR.....                            | 30 |
| 2112-01-503 | A/R SCREW 3.2 MM SLEEVE.....                      | 31 |
| 2112-01-505 | A/R SCREW DRILL*.....                             | 32 |
| 2112-01-504 | 3.5 MM HEX DRIVER LONG -<br>AR/DISTAL SCREW ..... | 33 |
| 2112-01-506 | A/R SCREW REMOVAL TOOL.....                       | 34 |

### End Cap Placement

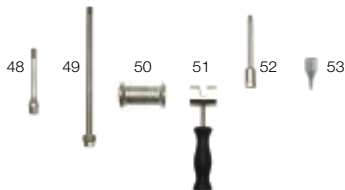
|             |                                    |    |
|-------------|------------------------------------|----|
| 2112-01-600 | 5 MM HEX DRIVER END CAP .....      | 35 |
| 2112-01-601 | 5 MM HEX CANN DRIVER END CAP ..... | 36 |
| 2112-01-602 | END CAP REMOVAL TOOL .....         | 36 |



### Distal Screw Insertion

|             |                                                   |    |
|-------------|---------------------------------------------------|----|
| 2112-01-401 | DISTAL SCREW SHEATH .....                         | 37 |
| 2112-01-402 | DISTAL SCREW TROCHAR.....                         | 38 |
| 2112-01-403 | DISTAL SCREW DRILL SLEEVE .....                   | 39 |
| 2112-01-404 | DISTAL SCREW DEPTH GAUGE.....                     | 40 |
| 2112-01-406 | 4.3 MM DISTAL GRADUATED<br>DRILL SHORT* .....     | 41 |
| 2112-01-405 | 4.3 MM DISTAL GRADUATED<br>DRILL LONG* .....      | 42 |
| 2112-01-410 | 4.3 MM DRILL MEASURING SLEEVE*.....               | 43 |
| 2112-01-409 | 3.5 MM HEX DRIVER SHORT -<br>DISTAL SCREW.....    | 44 |
| 2112-01-504 | 3.5 MM HEX DRIVER LONG -<br>AR/DISTAL SCREW ..... | 33 |
| 2810-01-020 | SOLIDLOK SCREWDRIVER HANDLE.....                  | 45 |
| 2810-01-021 | SOLIDLOK DRIVER INNER SHAFT .....                 | 46 |
| 2810-01-019 | SOLIDLOK HEX TIP 3.5 MML* .....                   | 47 |

\* Products are disposable.



## Extraction

|             |                                  |    |
|-------------|----------------------------------|----|
| 2112-01-666 | CANNULATED EXTRACTION BOLT ..... | 48 |
| 1095        | EXTRACTION ROD.....              | 49 |
| 1796        | SLIDING HAMMER SMALL .....       | 50 |
| 1096        | SLIDING HAMMER LARGE             |    |
| 2112-01-606 | SLOTTED MALLET .....             | 51 |
| 2112-01-605 | CONICAL EXTRACTOR.....           | 52 |
| 2810-01-027 | 3/4 IN. HEX DRIVER.....          | 53 |

## Flexible Reamers

|             |                                         |
|-------------|-----------------------------------------|
| 2810-02-400 | 400 MM NITINOL MODULAR<br>REAMER HUDSON |
| 2810-02-470 | 470 MM NITINOL MODULAR<br>REAMER HUDSON |
| 2810-02-015 | 150 MM REAMER EXTENSION                 |
| 2810-02-081 | 8 MM MNBLC ENDCUT REAMER HUDSON         |
| 2810-02-091 | 9 MM MNBLC ENDCUT REAMER HUDSON         |
| 2810-04-090 | 9.0 MM MODULAR REAMER HEAD              |
| 2810-04-095 | 9.5 MM MODULAR REAMER HEAD              |
| 2810-02-400 | 400 MM NITINOL MODULAR<br>REAMER HUDSON |

|             |                                         |
|-------------|-----------------------------------------|
| 2810-02-470 | 470 MM NITINOL MODULAR<br>REAMER HUDSON |
| 2810-02-015 | 150 MM REAMER EXTENSION                 |
| 2810-02-081 | 8 MM MNBLC ENDCUT REAMER HUDSON         |
| 2810-02-091 | 9 MM MNBLC ENDCUT REAMER HUDSON         |
| 2810-04-090 | 9.0 MM MODULAR REAMER HEAD              |
| 2810-04-095 | 9.5 MM MODULAR REAMER HEAD              |
| 2810-04-100 | 10.0 MM MODULAR REAMER HEAD             |
| 2810-04-105 | 10.5 MM MODULAR REAMER HEAD             |
| 2810-04-110 | 11.0 MM MODULAR REAMER HEAD             |
| 2810-04-115 | 11.5 MM MODULAR REAMER HEAD             |
| 2810-04-120 | 12.0 MM MODULAR REAMER HEAD             |
| 2810-04-125 | 12.5 MM MODULAR REAMER HEAD             |
| 2810-04-130 | 13.0 MM MODULAR REAMER HEAD             |
| 2810-04-135 | 13.5 MM MODULAR REAMER HEAD             |
| 2810-04-140 | 14.0 MM MODULAR REAMER HEAD             |
| 2810-04-145 | 14.5 MM MODULAR REAMER HEAD             |
| 2810-04-150 | 15.0 MM MODULAR REAMER HEAD             |
| 2810-04-155 | 15.5 MM MODULAR REAMER HEAD             |
| 2810-04-160 | 16.0 MM MODULAR REAMER HEAD             |
| 2810-04-165 | 16.5 MM MODULAR REAMER HEAD             |
| 2810-04-170 | 17.0 MM MODULAR REAMER HEAD             |

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