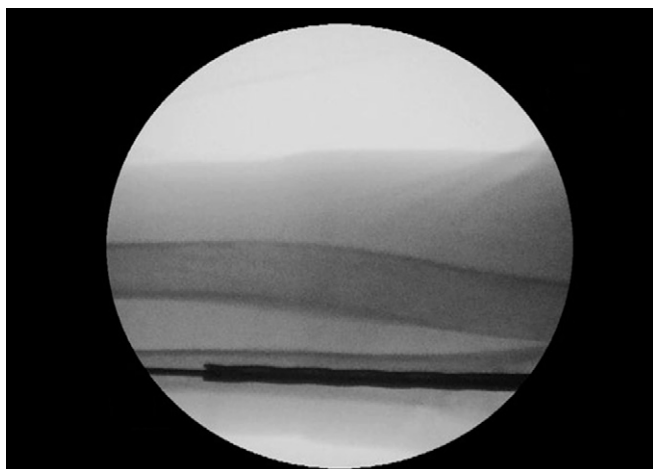
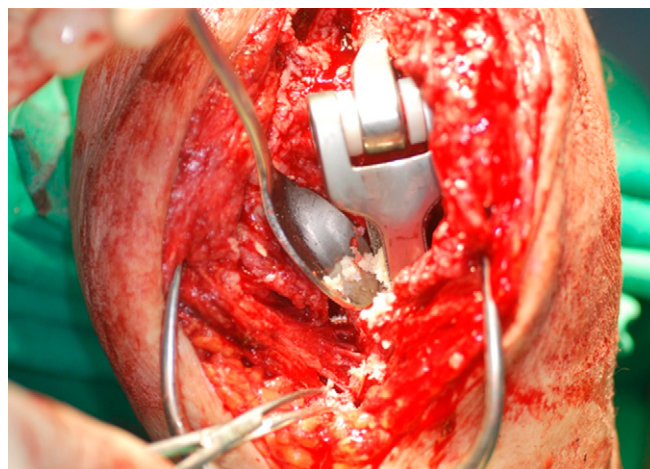




A cannulated drill bit is inserted along the guidewire and used as a reamer for widening the medullary canal on the ulnar side under fluoroscopic guidance.



A sufficient amount of morselized impaction bone graft is packed into the area of the bone defect on the humeral side.

| Case | Age (yr) | Sex | Primary Prosthesis | Initial Radiolucent Line* | Revision Prosthesis | Radiolucent Line*<br>After Revision |
|------|----------|-----|--------------------|---------------------------|---------------------|-------------------------------------|
| 1    | 63       | F   | Pritchard Mark II  | Type IV                   | Pritchard Mark II   | Type I                              |
| 2    | 65       | F   | Coonrad/Morrey     | Type III                  | Coonrad/Morrey      | Type I                              |
| 3    | 69       | F   | Pritchard Mark II  | Type IV                   | Coonrad/Morrey      | Type I                              |
| 4    | 28       | F   | Pritchard Mark II  | Type IV                   | Coonrad/Morrey      | Type I                              |
| 5    | 58       | M   | Custom made        | Type IV                   | Coonrad/Morrey      | Type I                              |
| 6    | 71       | F   | Pritchard Mark II  | Type IV                   | Coonrad/Morrey      | Type I                              |
| 7    | 75       | F   | Pritchard Mark II  | Type IV                   | Coonrad/Morrey      | Type I                              |
| 8    | 41       | M   | Pritchard Mark II  | Type IV                   | Coonrad/Morrey      | Type I                              |
| 9    | 60       | F   | Pritchard Mark II  | Type IV                   | Coonrad/Morrey      | Type I                              |
| 10   | 59       | F   | Pritchard Mark II  | Type IV                   | Coonrad/Morrey      | Type II                             |
| 11   | 54       | F   | Kudo               | Type IV                   | Coonrad/Morrey      | Type I                              |
| 12   | 33       | M   | Pritchard Mark II  | Type III                  | Coonrad/Morrey      | Type II                             |
| 13   | 59       | F   | Pritchard Mark II  | Type III                  | Coonrad/Morrey      | Type IV                             |
| 14   | 66       | F   | Pritchard Mark II  | Type III                  | Coonrad/Morrey      | Type I                              |
| 15   | 72       | F   | Pritchard Mark II  | Type IV                   | Pritchard Mark II   | Type I                              |
| 16   | 62       | F   | Pritchard Mark II  | Type II                   | Coonrad/Morrey      | Type II                             |

\*Loebenberg et al.<sup>16</sup> classification.