PATIENT CHART / 01

# Grace Whitfield

Synthetic medical record for independent coding practice

| Patient | Encounter |
| --- | --- |
| Age 69 \| Female<br>Recorded DOB: 10/04/1957<br>MRN: 000-360-974 | Visit: 004 / ENC-0004<br>Service: Orthopaedics<br>Unit: Ward 3B |
| Admission | Discharge |
| 08 November 2026 | 10 November 2026 \| LOS: 2 days |

## Record context

Setting: Surgery. Attending physician: Brooks, Daniel, MD. Payer: Medicare. Code status: Full code.

Allergy recorded: Codeine (nausea).

## H&P

Brooks, Daniel, MD | Orthopaedics | 11/08/2026 06:40 PM

**Chief complaint**

Right hip pain.

**HPI**

69-year-old female with primary osteoarthritis of the right hip, failed conservative treatment, admitted for elective total hip replacement. History of hypertension and hyperlipidemia.

**Assessment and plan**

Admit to orthopaedics. Working diagnosis: primary osteoarthritis of the right hip.

## How to use this chart

Review the source documentation, identify supported diagnoses and procedures, and select appropriate codes in Ami Encoder. The final page provides a blank coding worksheet. No answer codes or answer key are included.

INVESTIGATIONS / 02

# Results & observations

Recorded values from the existing synthetic M+ encounter

## Laboratory results

Admission samples: 08 Nov at 18:40. Follow-up samples: 09 Nov and 10 Nov at 05:30.

| Test | Unit | Reference | 08 Nov | 09 Nov | 10 Nov |
|---|---|---|---|---|---|
| WBC | x103/uL | 4-11 | 8 | 8 | 8 |
| Hemoglobin | g/dL | 12-17.5 | 13.4 | 13.6 | 13.8 |
| Platelets | x103/uL | 150-400 | 243 | 250 | 244 |
| Sodium | mmol/L | 135-145 | 143 | 136 | 141 |
| Potassium | mmol/L | 3.5-5.1 | 4 | 4.1 | 4.1 |
| Creatinine | mg/dL | 0.6-1.3 | 0.9 | 0.9 | 0.9 |
| BUN | mg/dL | 7-20 | 15 | 15 | 15 |
| Glucose | mg/dL | 70-140 | 105 | 105 | 105 |

## Vital signs

| Date | Temp. C | HR /min | RR /min | BP mmHg | SpO2 |
|---|---|---|---|---|---|
| 2026-11-08 | 36.7 | 81 | 16 | 142/82 | 96%<br>Room air |
| 2026-11-09 | 36.7 | 78 | 16 | 142/82 | 96%<br>Room air |
| 2026-11-10 | 36.7 | 75 | 16 | 142/82 | 96%<br>Room air |

## Imaging

No imaging report is supplied in the existing record for this visit. This chart does not add a report or infer imaging findings.

TREATMENT / 03

# Medications & procedure

Orders and treatment details as supplied in the source chart

## Medication record

| Medication | Directions | Schedule | Recorded MAR days |
|---|---|---|---|
| Amlodipine 5 mg tablet | oral daily | 09:00 | Given: 08 Nov, 09 Nov, 10 Nov |
| Metoprolol 25 mg tablet | oral twice daily | 09:00 / 21:00 | Given: 08 Nov, 09 Nov, 10 Nov |
| Atorvastatin 40 mg tablet | oral nightly | 21:00 | Given: 08 Nov, 09 Nov, 10 Nov |
| Enoxaparin 40 mg SC | daily | 09:00 | Given: 08 Nov, 09 Nov, 10 Nov |
| Acetaminophen 650 mg tablet | every 6 h as needed for pain or fever | PRN | Given: 10 Nov |

## Procedure order

Right total hip replacement | 2026-11-09 | Brooks, Daniel, MD

Status: Completed. Order priority: Urgent.

## Procedure description in discharge summary

Underwent right total hip replacement, cemented metal prosthesis, open approach, without complication. Mobilised with physical therapy on day 1.

## Documentation available

Procedure details above come from the procedure order and discharge summary. A separate full operative report, implant log and anesthesia record are not supplied for this visit.

The H&P describes an elective admission; the procedure order is marked Urgent. Both descriptions are retained as documented.

## Other orders

Vital signs every 4 h; ambulate three times daily; regular diet. These orders were recorded on 08 November 2026 and marked completed. A discharge order was recorded on 10 November 2026 and marked completed.

CLINICAL NOTES / 04

# Progress & discharge

Source physician documentation - no assigned code list

## Progress note

Brooks, Daniel, MD | Orthopaedics | 11/10/2026 08:15 AM

**Subjective**

Feeling better. Tolerating diet.

**Assessment**

Primary osteoarthritis of the right hip; Essential hypertension; Hyperlipidemia.

**Plan**

Home with home exercise program, DVT prophylaxis for 35 days.

## Discharge summary

Brooks, Daniel, MD | Orthopaedics | 11/10/2026 11:30 AM

**Admission diagnosis**

Right hip pain.

**Discharge diagnoses**

1. Primary osteoarthritis of the right hip. 2. Essential hypertension. 3. Hyperlipidemia.

**Hospital course**

Underwent right total hip replacement, cemented metal prosthesis, open approach, without complication. Mobilised with physical therapy on day 1.

**Disposition**

Discharged home, self-care. Home with home exercise program, DVT prophylaxis for 35 days.

## Record limitations

This is a concise synthetic chart, not a complete real-world hospital record. It contains the H&P, one progress note, a discharge summary, recorded laboratory and vital-sign trends, medications and orders. No additional imaging report or full operative note has been created.

YOUR WORKSHEET / 05

# Code the encounter

Use the documentation to support every coding decision

1. Identify the principal diagnosis and any supported additional diagnoses.
2. Review procedure details and sequence supported procedure codes.
3. Record POA decisions and any documentation clarification needed.
4. Keep the AI Analyzer switched off if you want independent practice.

## Diagnosis decisions

| Sequence / role | Code | Documentation / POA rationale |
|---|---|---|
| 1 / principal | | |
| 2 | | |
| 3 | | |

## Procedure decisions

| Sequence | Code | Documentation / specificity |
|---|---|---|
| 1 | | |
| 2 | | |

## Clarification or review notes

| Question / source gap |
|---|
| |
| |

**Open this same visit in M+ EHR:**

https://ami-coding.vercel.app/mplus/#chart/004/summary

**Open the same visit in Ami Encoder (M+ sign-in required):**

https://ami-coding.vercel.app/?ehr=1&chart=004#encoder

The existing visit may already contain assigned codes in the app. Complete this worksheet before opening the encoder if you want to avoid seeing preassigned selections.