Joint Replacement Coding

Audio Seminar/Webinar
June 14, 2007

Practical Tools for Seminar Learning
Disclaimer

The American Health Information Management Association makes no representation or guarantee with respect to the contents herein and specifically disclaims any implied guarantee of suitability for any specific purpose. AHIMA has no liability or responsibility to any person or entity with respect to any loss or damage caused by the use of this audio seminar, including but not limited to any loss of revenue, interruption of service, loss of business, or indirect damages resulting from the use of this program. AHIMA makes no guarantee that the use of this program will prevent differences of opinion or disputes with Medicare or other third party payers as to the amount that will be paid to providers of service.

CPT® five digit codes, nomenclature, and other data are copyright 2006 American Medical Association. All Rights Reserved. No fee schedules, basic units, relative values or related listings are included in CPT. The AMA assumes no liability for the data contained herein.

As a provider of continuing education, the American Health Information Management Association (AHIMA) must assure balance, independence, objectivity and scientific rigor in all of its endeavors. AHIMA is solely responsible for control of program objectives and content and the selection of presenters. All speakers and planning committee members are expected to disclose to the audience: (1) any significant financial interest or other relationships with the manufacturer(s) or provider(s) of any commercial product(s) or service(s) discussed in an educational presentation; (2) any significant financial interest or other relationship with any companies providing commercial support for the activity; and (3) if the presentation will include discussion of investigational or unlabeled uses of a product. The intent of this requirement is not to prevent a speaker with commercial affiliations from presenting, but rather to provide the participants with information from which they may make their own judgments.
Elisabeth Parker Janeway, CPC, CCS-P, CCP

Ms. Janeway is a private healthcare consultant based in Winston Salem, North Carolina. She has been in the healthcare field for over ten years, offering physician and staff training, auditing services and a wide variety of other coding and consulting services. She serves as a consultant for Sinaiko Healthcare Consulting, is a member of the Editorial Advisory Boards for the 'Orthopedic Coding Alert' and 'Part B Insider', sits on Cigna Medicare's Provider Communications Advisory Committee, speaks frequently for The Coding Institute, and is an active member of AHIMA and the AAPC, where she has been certified orthopaedic proficient.

David V. Janeway, MD

Dr. Janeway is President of Orthopaedic Specialists of the Carolinas and director of outpatient orthopaedic surgery and chairman of the arthroscopy section at Forsyth Medical Center in Winston-Salem, NC. Dr. Janeway has over 20 years of medical experience, and is board-certified in orthopaedic surgery.

He received his training at Wake Forest University Baptist Medical Center, Winston-Salem, NC and served as a Major in the U.S. Army Reserve from 1988 to 1996. Active duty at the 312th EVAC Hospital in Saudi, Arabia during Operation Desert Storm/Shield in 1990-1991.

He is an active member of many national and regional medical societies and the orthopaedic team physician at Reagan High School in Winston-Salem.
# Table of Contents

Disclaimer ................................................................................................................................. i  
Faculty .................................................................................................................................. ii  
Objectives ................................................................................................................................ 1  
Arthroplasty  
  Hip ......................................................................................................................................... 2  
  Hip Revisions ....................................................................................................................... 4  
  Knee ....................................................................................................................................... 5  
  Knee Revisions .................................................................................................................... 9  
  Shoulder .............................................................................................................................. 10  
  Shoulder Revisions ........................................................................................................... 14  
  Ankle .................................................................................................................................... 14  
  Hand ..................................................................................................................................... 16  
  Elbow ................................................................................................................................... 20  
  Wrist .................................................................................................................................... 22  
  Foot ...................................................................................................................................... 23  
  Disc ...................................................................................................................................... 25  
Audience Questions  
Appendix ................................................................................................................................... 31  
  CE Certificate Instructions
Objectives

- Provide a clinical update on advances in joint surgery technology.
- Review CPT coding guidelines for joint replacement surgery and revision.

Arthroplasty

- Arthroplasty
  - Head to toe
Arthroplasty

The Top Three
- Total Hip
- Total Knee
- Total Shoulder

Hip Anatomy
- Acetabulum
- Femoral head
Arthroplasty

- Prosthesis
  - Cemented
  - Press fit
  - Metal on plastic
  - Metal on metal
  - Ceramic

Post op x-ray

CPT 27130: Arthroplasty, acetabular and proximal femoral Prosthetic replacement, with or without autograft or allograft
Arthroplasty

• Girdlestone
  • Salvage procedure

CPT code 27122: acetabuloplasty; resection, femoral head

Arthroplasty

• Hip revisions
  • Acetabulum (cup)
  • Liner
  • Femur (stem)
  • Infections
Arthroplasty - CPT Codes

- 27132 Conversion of previous hip surgery to total hip arthroplasty
- 27134 Revision of THA, both components
- 27137 Revision of THA, acetabular component only
- 27138 Revision of THA, femoral component only
  - (all with or without autograft or allograft)

Arthroplasty

- Total knee anatomy
  - Femur
  - Tibia
  - Patella
**Arthroplasty**

- Total knee prostheses
  - Rotating platform

- Total knee prostheses
  - Fixed platform
Arthroplasty

- Total knee x-ray

- CPT code 27447: Arthroplasty, knee, condyle and plateau; medial AND lateral compartments, with or without patella resurfacing

Figure III: A fixed bearing design (Accura, Smith & Nephew, USA) with flat metal backed blood articulating surface.

Arthroplasty

- Unicompartmental arthroplasty
Arthroplasty

Uni knee

Figure 15 - TKA unicompartimental arthroplasty showing adequate exposure without erosion of the patella. The first picture shows the knee in flexion. The second picture shows the incision size on extension of the knee.

Arthroplasty

Uni knee x-ray

CPT code 27446: Arthroplasty, knee, condyle and plateau; medial OR lateral compartment
Arthroplasty

- uni-spacer

Arthroplasty

- Revisions
  - Poly exchange
  - Femoral component
  - Tibial component
  - patella
Arthroplasty - CPT Codes

- 27486: Revision of total knee arthroplasty, with or without allograft; one component
- 27487: Revision of TKA, with or without allograft; femoral and entire tibial component
- 27488: Removal of prosthesis, including total knee prosthesis, methylmethacrylate with or without insertion of spacer, knee

Arthroplasty

- Shoulder anatomy
  - Humeral head
  - Glenoid
Arthroplasty

- Total shoulder

Arthroplasty

- Resurfacing
  - coffield
**Arthroplasty**

- Hemi-cap arthroplasty

**Arthroplasty**

- Reverse shoulder arthroplasty
**Arthroplasty**

*Reverse shoulder*

---

**Arthroplasty - CPT Codes**

- **23470**: Arthroplasty, glenohumeral joint; hemiarthroplasty
- **23472**: Arthroplasty, glenohumeral joint; (glenoid and proximal humeral replacement (eg. Total shoulder)}
Arthroplasty

- Shoulder revisions

Arthroplasty

- Total ankle anatomy
  - Tibia
  - Talus
Arthroplasty

- High failure rates traditionally

Arthroplasty

Total ankle x-rays
Arthroplasty - CPT Codes

- 27700: Arthroplasty, ankle;
- 27702: Arthroplasty, ankle; with implant (Total Ankle)
- 27703: Arthroplasty, ankle; revision, total ankle
- 27704 Removal of ankle implant

Arthroplasty

- Anatomy

![Hand Anatomy Diagram]
Arthroplasty

• MCP arthroplasty
  • Typically performed in RA

Arthroplasty

• Intra-op
**Arthroplasty**

- Post-op x-ray
- CPT code 26530: Arthroplasty, mcp joint; each joint
- 26531: Arthroplasty, mcp joint; with prosthetic implant, each joint

**Arthroplasty**

- DRUJ
  - Darrach CPT 25240
  - Implant CPT 25442
Arthroplasty

- Interpositional arthroplasty

- Trapeziometacarpal arthroplasty
  - CPT 25447

- Suspensionplasty
  - CPT 25447 (arthroplasty, interposition, intercarpal or carpometacarpal joints), 25310-51 (tendon transplantation or transfer, flexor or extensor, forearm and/or wrist, single; each tendon)

- Arthroplasty (implant)
  - CPT 25445
Arthroplasty

- **Elbow anatomy**
  - Radius
  - Ulna

- **Total elbow arthroplasty**
  - Low demand patients
  - RA
Arthroplasty

- Total elbow x-ray

Arthroplasty

- Radial head arthroplasty
- Fractures
- CPT code 24365: Arthroplasty, radial head; (excisional arthroplasty)
- 24366: Arthroplasty, radial head; with implant
Arthroplasty

- Wrist anatomy
  - Radius
  - Ulna
  - Carpus

- Total wrist arthroplasty
Arthroplasty

❖ Post-op x-ray
❖ CPT Code 25446: Arthroplasty with prosthetic replacement; distal radius and partial or entire carpus (total wrist)

Arthroplasty

❖ MTP arthroplasty
  • Anatomy
    ◦ Metatarsal
    ◦ Phalanx
**Arthroplasty**

- MTP Arthroplasty
  - RA
  - Hallux Rigidus

**Arthroplasty**

- MTP Arthroplasty
Arthroplasty

- Hemicap arthroplasty

Arthroplasty

- Total disc arthroplasty
Arthroplasty

- Total disc arthroplasty

Arthroplasty

- anatomy
Arthroplasty

- Total disc arthroplasty
- X-ray

Arthroplasty - CPT Codes

- CPT 22857: Total disc arthroplasty, anterior approach, including discectomy to prepare interspace; single interspace, lumbar (+0163T for each additional interspace)
- 22862: Revision including replacement of total disc arthroplasty anterior approach, lumbar, single interspace (+0165T for each additional interspace)
Arthroplasty

- 22865: Removal of total disc arthroplasty, anterior approach, lumbar, single interspace (+0164T for each additional interspace)
- 0090T: Cervical Total Disc
- 0093T: Removal of Cervical Total Disc
- 0096T: Revision of Cervical Total Disc

Thank You
• Questions?
Audio Seminar Discussion

Following today's live seminar
Available to AHIMA members at
www.AHIMA.org

Click on Communities of Practice (CoP) - icon on top right
AHIMA Member ID number and password required – for members only

Join the Coding Community from your Personal Page then
under Community Discussions, choose the
Joint Replacement Coding
You will be able to:
• Discuss seminar topics
• Network with other AHIMA members
• Enhance your learning experience

AHIMA Audio Seminars

Visit our Web site
http://campus.AHIMA.org
for information on the
2007 seminar schedule.
While online, you can also register
for seminars or order CDs and
pre-recorded Webcasts of
past seminars.
Upcoming Audio Seminars

Medicare’s Proposed MS-DRGs: A Coding Perspective
Faculty: Gail Garrett and Gloryanne Bryant
• June 26, 2007

Thank you for joining us today!

Remember – sign on to the AHIMA Audio Seminars Web site to complete your evaluation form and receive your CE Certificate online at:


Each person seeking CE credit must complete the sign-in form and evaluation in order to view and print their CE certificate

Certificates will be awarded for AHIMA and ANCC Continuing Education Credit
To receive your

**CE Certificate**

Please go to the AHIMA Web site


click on

“Complete Online Evaluation”

You will be automatically linked to the CE certificate for this seminar after completing the evaluation.

*Each participant expecting to receive continuing education credit must complete the online evaluation and sign-in information after the seminar, in order to view and print the CE certificate.*