

The patient was admitted for initial treatment of his left eyelid Chlamydial conjunctivitis due to trachoma, active stage. Even though this procedure is usually done in the outpatient setting, his physician decided to admit him because of his brittle diabetes mellitus, Type I. He underwent a conjunctivoplasty and subconjunctival injection of an antibiotic. Three days after admission, the patient became febrile, complaining of pain in the left knee. X-rays confirmed joint disease involving both knees. Non-steroidal anti-inflammatory medications were administered into the right and left knees. Final diagnosis: Chlamydial trachomatis conjunctivitis with Reiter's arthritis of both knees.

Select the appropriate Principal/Secondary Diagnosis codes, along with the appropriate Procedure code(s).

<input checked="" type="checkbox"/>	A)	A71.1
<input checked="" type="checkbox"/>	B)	E10.9
<input checked="" type="checkbox"/>	C)	M02.361
<input checked="" type="checkbox"/>	D)	M02.362
<input checked="" type="checkbox"/>	E)	08QTXZZ
<input type="checkbox"/>	F)	08QSXZZ
<input type="checkbox"/>	G)	3E0V33Z
<input checked="" type="checkbox"/>	H)	3E0C329
<input checked="" type="checkbox"/>	I)	3E0U33Z

ANSWER KEY

Principal Diagnosis:

ICD-10-CM: **A71.1** (Active stage of trachoma)

Secondary Diagnosis:

- **E10.9** (Type 1 diabetes mellitus without complication)
- **M02.361** (Reiter's disease, right knee)
- **M02.362** (Reiter's disease, left knee)

Procedures:

- **08QTXZZ** (Repair, left conjunctiva, external approach)
- **3E0C329** (Introduction of anti-infective into eye, percutaneous approach)
- **3E0U33Z** (Introduction of anti-inflammatory into joints, percutaneous approach)

To Locate Diagnosis Codes:

- **A71.1:** Index > Conjunctivitis > Chlamydia > due to trachoma
- **E10.9:** Index > Diabetes, diabetic > Type 1
- **M02.361/M02.362:** Index > Reiter's disease > knee > M02.36- > Tabular for 6th character as indicated by the dash > 1 for right knee; 2 for left knee

A&P/Reiter's disease or syndrome is formally referred to as reactive arthritis. It is classified as an autoimmune condition that develops in response to an infection in another part of the body. ICD-10-CM doesn't provide a bilateral code for this condition, so it must be coded twice, with only the 6th character changing to account for laterality, right eye versus left eye.

Feedback for Diagnosis Code:

- **E10.9:** Brittle diabetes, type 1 diabetes mellitus, is characterized by wide, unpredictable fluctuations of blood glucose values and is difficult to control. Brittle diabetes is not considered a complication in ICD-CM-PCS.

To Locate Procedure Codes:

- **08QTXZZ:** Px Index > Conjunctivoplasty > see Repair, Eye > 08Q > locate table 08Q and go across the row to finish building the code:

Repair, left conjunctiva, external approach

Section	Body System	Root Operation	Body Part	Approach	Device	Qualifier
0	8	Q	T	X	Z	Z
Med/Surg	Eye	Repair	Conjunctiva, Left	External	No Device	No Qualifier

Values: **Repair** is defined in PCS as "Restoring to the extent possible, a body part to its normal anatomic structure and function." A conjunctivoplasty is a type of repair. Also, since a conjunctivoplasty is performed directly on the eye, the approach is **External**. Table 08Q lists only one value for approach, external. The 2nd procedure in our scenario is a subconjunctival injection of an antibiotic:

- **3E0C329:** Px Index > Injection > see Introduction > Eye > Anti-infective > 3E0C > locate table 3E0 and go across the row to finish building the code, i.e., to assign the remaining characters:

Introduction of anti-inflammatory into eye, percutaneous approach

Section	Body Sx/Region, General	Root Operation	Body Sx/Region, Specific	Approach	Substance	Qualifier
3	E	0	C	3	3	Z
Administration	Physiological Systems and Anatomical Regions	Introduction	Eye	Percutaneous	Anti-inflammatory	No Qualifier

The Administration section covers Administration, Placement, Measurement and Monitoring. ICD-10-PCS includes body systems called Anatomical Regions, which describe general locations of the body. Administration procedures involve services such as transfusions, infusions, injections, and irrigations. The Administration section uses three types of

body system values: 0 - Circulatory; C - Indwelling device; and E - Physiological systems and anatomical regions, as in our scenario. Substances include medications, dialysate, contrast material, anesthetic destructive agents such as gas, etc. The 7 characters that make up a PCS code in the Administration section are very similar to those found in the Med/Surg section, with the most notable difference being that the 6th character value is substance, not device.

Substance, Introduction, Approach: In our scenario, the substance, an anti-infective, is injected into a specific body part, the eye. Injections are referred to as "Introduction" in this section, one of the new PCS terms. The root operation, Introduction, the objective of the procedure, is defined as "Putting in or on a therapeutic, diagnostic, nutritional, physiological or prophylactic substance except blood and blood products." Finally, the approach for injections is percutaneous. The Percutaneous Approach is used for intradermal, subcutaneous and intramuscular injections and is defined as "Entry, by puncture or minor incision of instrumentation through the skin or mucous membrane and any other body layers necessary to reach the body site." In our scenario, a puncture was made with the needle.

NOTE: For the root operation, Introduction, the body part value specifies where the procedure occurs and not necessarily the site where the substance introduced has an effect.

- **3E0U33Z** The 3rd and final procedure in our scenario is the knee injections:

Introduction of anti-inflammatory into joints, percutaneous approach

Section	Body Sx/Region, General	Root Operation	Body Sx/Region, Specific	Approach	Substance	Qualifier
3	E	0	U	3	3	Z

Administ ration	Physiological Systems and Anatomical Regions	Introduction	Joints	Percutan eous	Anti-infla mmatory	No Qualifier
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The only difference between the last 2 codes, 3E0C329 and 3E0U33Z are the values for the 4th character, Body System, 6th and 7th characters (type of substance antibiotic, anti-infective and other anti-infective): C for Eye in code 3E0C329 and U for Joints in code 3E0U33Z.

NOTE: Since both knees were injected, how come I didn't assign the procedure twice, indicating laterality? In this section, the specific body region accounts for ALL joints, i.e., plural, not singular. Table 3E0 lists joints not joint.