



Premium Specialty: Neurosurgery and Spine
 Credentialed Specialties include: Back and Spine Surgery; Hand Surgery; Knee Surgery; Neurological Surgery; Orthopedic Surgery; Shoulder Surgery; Sports Medicine

Use this document with the UnitedHealth Premium® Program Methodology document at UnitedHealthPremium.UHC.com. Please review all of the methodology documents to understand the entire Premium methodology.

We evaluate quality using national standardized measures. The following chart lists the measures we use to evaluate physicians in the family medicine Premium specialty by condition or procedure. These measures apply to our UnitedHealthcare commercial, UnitedHealthcare Medicare Advantage and UnitedHealthcare Community Plan patient populations, unless otherwise noted.

Please view the [Quality Evaluation Example](#) and [Attribution Methods](#) documents to learn more.

Condition/Procedure	Measure	Compliance Criteria	Measure Type	Attribution Method	Source
Achilles Tendon Repair	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	90 Day Physical Therapy: Measures whether patients received at least one physical therapy session within 90 days after selected surgeries	Patient had at least one physical therapy session (home or clinical) within 90 days after the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis

Condition/Procedure	Measure	Compliance Criteria	Measure Type	Attribution Method	Source
Ankle Ligament Repair	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	90 Day Physical Therapy: Measures whether patients received at least one physical therapy session within 90 days after selected surgeries	Patient had at least one physical therapy session (home or clinical) within 90 days after the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Arthrodesis - Midfoot	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Arthroscopic Removal of Foreign Body/Debridement - Shoulder	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis

Condition/Procedure	Measure	Compliance Criteria	Measure Type	Attribution Method	Source
Arthroscopic Removal of Foreign Body/Debridement - Shoulder	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	90 Day Physical Therapy: Measures whether patients received at least one physical therapy session within 90 days after selected surgeries	Patient had at least one physical therapy session (home or clinical) within 90 days after the procedure	Surgical Care	Rendering	Synopsis
	Pre-Surgery Complex Imaging: Measures whether patients received at least one appropriate complex imaging procedure within 180 days prior to selected surgical procedures	Patient had complex imaging (e.g., MRI) within 365 days prior to the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Arthroscopic Repair - Rotator Cuff	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	90 Day Physical Therapy: Measures whether patients received at least one physical therapy session within 90 days after selected surgeries	Patient had at least one physical therapy session (home or clinical) within 90 days after the procedure	Surgical Care	Rendering	Synopsis
	Pre-Surgery Complex Imaging: Measures whether patients received at least one appropriate complex imaging procedure within 180 days prior to selected surgical procedures	Patient had complex imaging (e.g., MRI) within 365 days prior to the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis

Condition/Procedure	Measure	Compliance Criteria	Measure Type	Attribution Method	Source
Arthroscopic Repair - Slap Shoulder	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	90 Day Physical Therapy: Measures whether patients received at least one physical therapy session within 90 days after selected surgeries	Patient had at least one physical therapy session (home or clinical) within 90 days after the procedure	Surgical Care	Rendering	Synopsis
	Pre-Surgery Complex Imaging: Measures whether patients received at least one appropriate complex imaging procedure within 180 days prior to selected surgical procedures	Patient had complex imaging (e.g., MRI) within 365 days prior to the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Arthroscopy of the Hip	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis

Condition/Procedure	Measure	Compliance Criteria	Measure Type	Attribution Method	Source
Arthroscopy of the Hip (continued)	90 Day Physical Therapy: Measures whether patients received at least one physical therapy session within 90 days after selected surgeries	Patient had at least one physical therapy session (home or clinical) within 90 days after the procedure	Surgical Care	Rendering	Synopsis
	Pre-Surgery Complex Imaging: Measures whether patients received at least one appropriate complex imaging procedure within 180 days prior to selected surgical procedures	Patient had complex imaging (e.g., MRI) within 365 days prior to the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Back Pain	Patient with a lumbar spine MRI and low back pain diagnosis had antecedent conservative therapy	Patient with a lumbar spine MRI and low back pain diagnosis had antecedent conservative therapy	Diagnostic Care	Ordering	Contact National Committee for Quality Assurance
Bunionectomy	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Cardiac imaging for Preoperative Risk Assessment for Non-Cardiac; Low-Risk Surgery	Patients of low-risk who did not receive cardiac imaging 30 days prior to a non-cardiac, low-risk surgery	Patient of low-risk did not have cardiac imaging 30 days prior to a non-cardiac, low-risk surgery	Diagnostic Care	Ordering	Contact National Quality Forum or Centers for Medicare & Medicaid Services
Carpal Tunnel Release - Arthroscopic	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis

Condition/Procedure	Measure	Compliance Criteria	Measure Type	Attribution Method	Source
Carpal Tunnel Release - Arthroscopic (continued)	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Carpal Tunnel Release - Open	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Cervical Spine Fusion	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis

Condition/Procedure	Measure	Compliance Criteria	Measure Type	Attribution Method	Source
Cervical Spine Fusion (continued)	Pre-Surgery Complex Imaging: Measures whether patients received at least one appropriate complex imaging procedure within 180 days prior to selected surgical procedures	Patient had complex imaging (e.g., MRI) within 365 days prior to the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Cervical Spine Fusion with Hardware Insertion	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	Pre-Surgery Complex Imaging: Measures whether patients received at least one appropriate complex imaging procedure within 180 days prior to selected surgical procedures	Patient had complex imaging (e.g., MRI) within 365 days prior to the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Concurrent Use of Opioids and Benzodiazepines	Patient(s) who did not have concurrent use of prescription opioids and benzodiazepines	Patient did not have prescription opioid and benzodiazepine medications concurrently dispensed	Patient Safety Care	Prescribing	Contact National Quality Forum or Pharmacy Quality Alliance
Decompression - Herniated Disc / Lumbar Back	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis

Condition/Procedure	Measure	Compliance Criteria	Measure Type	Attribution Method	Source
Decompression - Herniated Disc / Lumbar Back	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	Pre-Surgery Complex Imaging: Measures whether patients received at least one appropriate complex imaging procedure within 180 days prior to selected surgical procedures	Patient had complex imaging (e.g., MRI) within 365 days prior to the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Decompression - Herniated Disc/Lumbar Back with Revision	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	Pre-Surgery Complex Imaging: Measures whether patients received at least one appropriate complex imaging procedure within 180 days prior to selected surgical procedures	Patient had complex imaging (e.g., MRI) within 365 days prior to the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Fusion - Lumbar Back	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis

Condition/Procedure	Measure	Compliance Criteria	Measure Type	Attribution Method	Source
Fusion - Lumbar Back	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	Pre-Surgery Complex Imaging: Measures whether patients received at least one appropriate complex imaging procedure within 180 days prior to selected surgical procedures	Patient had complex imaging (e.g., MRI) within 365 days prior to the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Fusion - Lumbar Back with Hardware Insertion	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	Pre-Surgery Complex Imaging: Measures whether patients received at least one appropriate complex imaging procedure within 180 days prior to selected surgical procedures	Patient had complex imaging (e.g., MRI) within 365 days prior to the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Head Imaging for Uncomplicated Headache	Patient(s) with a headache that had a head imaging test	Patient with a headache did not have a head imaging test	Diagnostic Care	Ordering	Synopsis

Condition/Procedure	Measure	Compliance Criteria	Measure Type	Attribution Method	Source
Hip Replacement	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	90 Day Physical Therapy: Measures whether patients received at least one physical therapy session within 90 days after selected surgeries	Patient had at least one physical therapy session (home or clinical) within 90 days after the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Hip Replacement - Revision	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Knee Arthroscopy with Cruciate Ligament Repair	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis

Condition/Procedure	Measure	Compliance Criteria	Measure Type	Attribution Method	Source
Knee Arthroscopy with Cruciate Ligament Repair (Continued)	90 Day Physical Therapy: Measures whether patients received at least one physical therapy session within 90 days after selected surgeries	Patient had at least one physical therapy session (home or clinical) within 90 days after the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Knee Arthroscopy with Meniscectomy	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Knee Replacement Surgery	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	90 Day Physical Therapy: Measures whether patients received at least one physical therapy session within 90 days after selected surgeries	Patient had at least one physical therapy session (home or clinical) within 90 days after the procedure	Surgical Care	Rendering	Synopsis

Condition/Procedure	Measure	Compliance Criteria	Measure Type	Attribution Method	Source
Knee Replacement Surgery (continued)	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Knee Replacement Surgery Revision	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	90 Day Physical Therapy: Measures whether patients received at least one physical therapy session within 90 days after selected surgeries	Patient had at least one physical therapy session (home or clinical) within 90 days after the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Other Knee Arthroscopy with Treatment	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis

Condition/Procedure	Measure	Compliance Criteria	Measure Type	Attribution Method	Source
Other Open Surgery of the Knee	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	90 Day Physical Therapy: Measures whether patients received at least one physical therapy session within 90 days after selected surgeries	Patient had at least one physical therapy session (home or clinical) within 90 days after the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Rotator Cuff Repair	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	Pre-Surgery Complex Imaging: Measures whether patients received at least one appropriate complex imaging procedure within 180 days prior to selected surgical procedures	Patient had complex imaging (e.g., MRI) within 365 days prior to the procedure	Surgical Care	Rendering	Synopsis

Condition/Procedure	Measure	Compliance Criteria	Measure Type	Attribution Method	Source
Rotator Cuff Repair (continued)	90 Day Physical Therapy: Measures whether patients received at least one physical therapy session within 90 days after selected surgeries	Patient had at least one physical therapy session (home or clinical) within 90 days after the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Shoulder Arthroscopy with Claviclectomy, Tenodesis, or Capsulorrhaphy	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	90 Day Physical Therapy: Measures whether patients received at least one physical therapy session within 90 days after selected surgeries	Patient had at least one physical therapy session (home or clinical) within 90 days after the procedure	Surgical Care	Rendering	Synopsis
	Pre-Surgery Complex Imaging: Measures whether patients received at least one appropriate complex imaging procedure within 180 days prior to selected surgical procedures	Patient had complex imaging (e.g., MRI) within 365 days prior to the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Shoulder Arthroscopy with Synovectomy or Lysis Adhesions	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis

Condition/Procedure	Measure	Compliance Criteria	Measure Type	Attribution Method	Source
Shoulder Arthroscopy with Synovectomy or Lysis Adhesions (continued)	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	90 Day Physical Therapy: Measures whether patients received at least one physical therapy session within 90 days after selected surgeries	Patient had at least one physical therapy session (home or clinical) within 90 days after the procedure	Surgical Care	Rendering	Synopsis
	Pre-Surgery Complex Imaging: Measures whether patients received at least one appropriate complex imaging procedure within 180 days prior to selected surgical procedures	Patient had complex imaging (e.g., MRI) within 365 days prior to the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Thoracic Spine Fusion	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	Pre-Surgery Complex Imaging: Measures whether patients received at least one appropriate complex imaging procedure within 180 days prior to selected surgical procedures	Patient had complex imaging (e.g., MRI) within 365 days prior to the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis

Condition/Procedure	Measure	Compliance Criteria	Measure Type	Attribution Method	Source
Total Shoulder Replacement	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	90 Day Physical Therapy: Measures whether patients received at least one physical therapy session within 90 days after selected surgeries	Patient had at least one physical therapy session (home or clinical) within 90 days after the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis
Use of Opioid Medications	Patient(s) 18 years and older who did not have an average morphine equivalent dose (med) > 120 mg/day during the treatment period	Patient did not have an average morphine equivalent dose greater than 120 mg/day	Patient Safety Care	Prescribing	Contact National Committee for Quality Assurance
	Patient did not have opioid medications from four or more different prescribers dispensed	Patient did not have opioid medications from four or more different prescribers dispensed	Patient Safety Care	Prescribing	Contact National Committee for Quality Assurance
	Patient(s) age 18 - 64 years who were opioid-naive and were prescribed access to opioid medication for 15 or more days during the first 30 days following first opioid treatment initiation.	Patient(s) age 18 - 64 years who were opioid-naive and were prescribed access to opioid medication for 15 or more days during the first 30 days following first opioid treatment initiation.	Patient Safety Care	Prescribing	Contact National Committee for Quality Assurance
	Patient(s) age 65 years and older who were opioid-naive and were prescribed access to opioid medication for 15 or more days during the first 30 days following first opioid treatment initiation.	Patient(s) age 65 years and older who were opioid-naive and were prescribed access to opioid medication for 15 or more days during the first 30 days following first opioid treatment initiation.	Patient Safety Care	Prescribing	Contact National Committee for Quality Assurance
	Patient(s) age 18 - 64 years who were opioid-naive and were prescribed access to opioid medication for 31 or more days during the first 62 days following first opioid treatment initiation.	Patient(s) age 18 - 64 years who were opioid-naive and were prescribed access to opioid medication for 31 or more days during the first 62 days following first opioid treatment initiation.	Patient Safety Care	Prescribing	Contact National Committee for Quality Assurance

Condition/Procedure	Measure	Compliance Criteria	Measure Type	Attribution Method	Source
Use of Opioid Medications (continued)	Patient(s) age 65 years and older who were opioid-naive and were prescribed access to opioid medication for 31 or more days during the first 62 days following first opioid treatment initiation.	Patient(s) age 65 years and older who were opioid-naive and were prescribed access to opioid medication for 31 or more days during the first 62 days following first opioid treatment initiation.	Patient Safety Care	Prescribing	Contact National Committee for Quality Assurance
Use of Contrast Material in CT	Patient(s) with a thorax CT test that did not have combined studies (with and without contrast material)	Patient did not have a thorax CT test using combined studies (with and without contrast material)	Diagnostic Care	Ordering	Contact Centers for Medicare & Medicaid Services
Vertebral Corpectomy	180 Day Redo: Measures whether patients did not have a redo procedure within 180 days after surgery	Patient did not have a redo procedure within 180 days after the procedure	Surgical Care	Rendering	Synopsis
	181 to 365 Day Redo: Measures whether patients did not have a redo procedures between 181 and 365 days after surgery	Patient did not have a redo procedure within 181 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	270 to 365 Day Physical Therapy: Measures whether patients did not have physical therapy between 270 and 365 days after surgery	Patient did not have physical therapy within 270 and 365 days after the procedure	Surgical Care	Rendering	Synopsis
	Pre-Surgery Complex Imaging: Measures whether patients received at least one appropriate complex imaging procedure within 180 days prior to selected surgical procedures	Patient had complex imaging (e.g., MRI) within 365 days prior to the procedure	Surgical Care	Rendering	Synopsis
	Patient did not have a complication related to the procedure	Patient did not have a complication related to the procedure	Surgical Care	Rendering	Synopsis

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