

Total Knee Replacement

The knee joint consists of three parts: the lower end of the thigh bone (femur), the upper end of the shin bone (tibia) and the kneecap (patella). In a total knee replacement procedure, all three damaged parts are removed and replaced with various artificial (e.g., metal or plastic) components or implants.

Table Notes

Number of Cases represents all inpatient hospitalizations, after exclusions, for patients 18 years and older who underwent a total knee replacement.

Complication represents patients who 1) developed a complication or died during the hospital stay in which the procedure was performed or 2) developed a complication that led to a readmission to a Pennsylvania acute care hospital within 7, 30 or 90 days (depending on the complication). A complication is only counted when the complication is the principal reason for readmission.

Extended Postoperative Length of Stay represents patients whose length of stay in the hospital following a total knee replacement was significantly longer than expected, after accounting for patient risk.

Average Hospital Charge represents the entire length of stay and is trimmed and case-mix adjusted. Professional fees were not included. In almost all cases, hospitals typically receive actual payments from private insurers or government payers that are considerably less than the listed charge.

See **About the Report** or **Technical Notes** for further details.

Common Procedures Report October 1, 2023 through September 30, 2024 Data

Understanding the Symbols

The symbols displayed in this report represent a comparison of actual *complication* and *extended postoperative length of stay* rates to what is expected, after accounting for patient risk.

Using complication as an example:

- **Rate was significantly lower than expected.** Fewer patients experienced a complication than could be attributed to patient risk and random variation.
- ◉ **Rate was not significantly different than expected.** The number of patients who experienced a complication was within the range anticipated based on patient risk and random variation.
- **Rate was significantly higher than expected.** More patients experienced a complication than could be attributed to patient risk and random variation.

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