

GlobeMed Lebanon Study: 0% Mortality Rate in Total Knee Replacement Surgeries Performed Among Insured Members

It is no secret that good knees are an essential part of a healthy and active lifestyle. W.A.M, a 72 year old lady suffering from severe osteoarthritis since 6 years with severe pain, couldn't lead a normal life anymore. Every simple activity turned into a struggle, from bending her knees to climbing the stairs.

Since Total Knee Replacement (TKR) surgery is reported to relieve pain and improve mobility, her doctor advised her to undergo the surgery. As a long time insured member serviced by GlobeMed Lebanon, she was confident that she could rely on the professionalism of GlobeMed team in the management of her case. She did the surgery and now she is back home to lead a healthy life, climbing the stairs and bending her knees and most importantly, she forgot all about the pain.

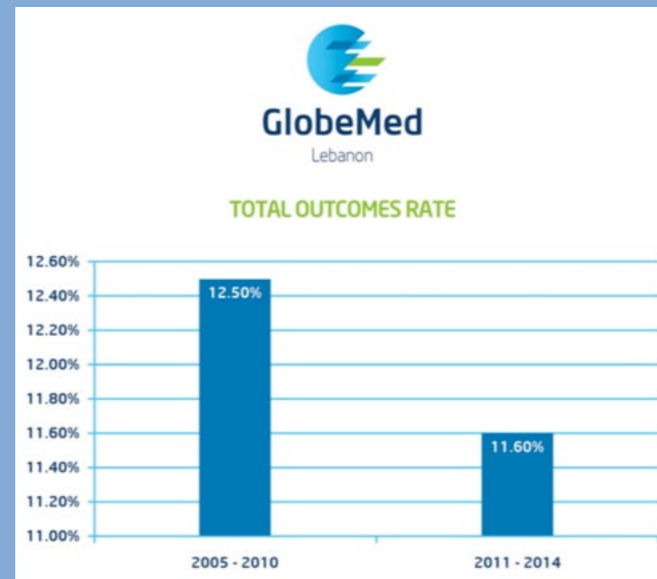
Knee replacements have emerged as a mainstream surgery. In a study carried out by Dr. Helene Bekhazi, GlobeMed Lebanon Medical Director, on a selected population of insured members totaling 229,117 adherents during 2011-2014, 234 Total Knee Replacement surgeries were performed, with 30% at University hospitals, compared to 152 within the period of 2005-2010 with 35% at University hospitals. The study shows an increase in demand within 3 years from 0.18% to 0.29%.

In 2012, GlobeMed Lebanon and its contracted insurance companies decided to raise the coverage of prostheses in particular from 2,000\$ to 30,000\$ which gave insured members better options and wider choices in choosing between the best prostheses. Consequently, this has left its positive marks on the outcomes of this surgery. Based on the study, most of TKR surgeries were performed on women above the age of 70 while men did the surgery above the age of 58. The average length of stay (LOS) was 7 days for both genders.

Dr. Bekhazi explained that the success of this surgery in Lebanon could be a major factor for this increase in demand. Another important factor is the outcomes rate: 0% mortality achieved during 2011-2014 compared to 0.6% during 2005-2010. In general, the total outcomes rate (infection, death, complication, and readmission) dropped from 12.5% during 2005-2010 to 11.6% during 2011-2014.

TKR operation is directly associated with complications such as anemia, infection, hemorrhage and hematoma. The study unveiled that infection rate dropped from staggering 4.0% to 2.6% during 2011-2014, while readmission maintained a steady rate with 1.3%.

As the market for TKR continues its growth in the years to come, the study performed by GlobeMed Lebanon shows the good results achieved reflecting positively on the insured members' satisfaction and, most importantly, patients' health.



Bshamoun Specialty Hospital

- 1- Endoscopy, ERCP department
- 2- MRI magnetic Resonance imaging
- 3- Dentistry department
- 4- Emergency Department
- 5- Obstetrics-Gynecology-Neonatal Department
- 6- Special Care Units (CCU-ICU-NICU)
- 7- Coronary Angiography Department
- 8- Dialysis Department
- 9- Medical Floor
- 10- Surgical Floor
- 11- Pediatrics Department.

