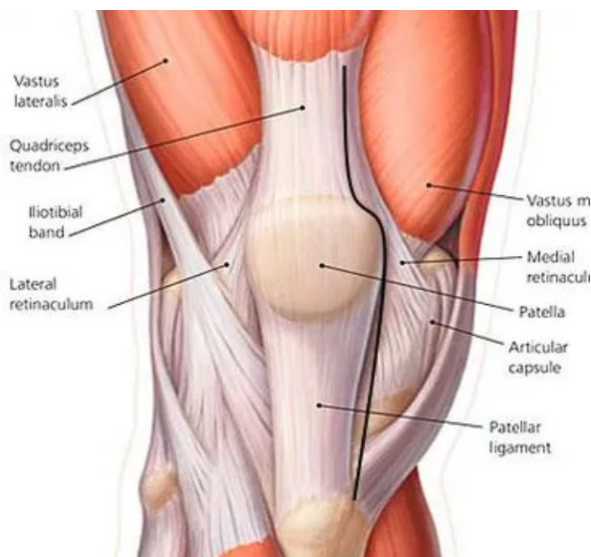


## Total Knee Replacement: Muscle-sparing Approach

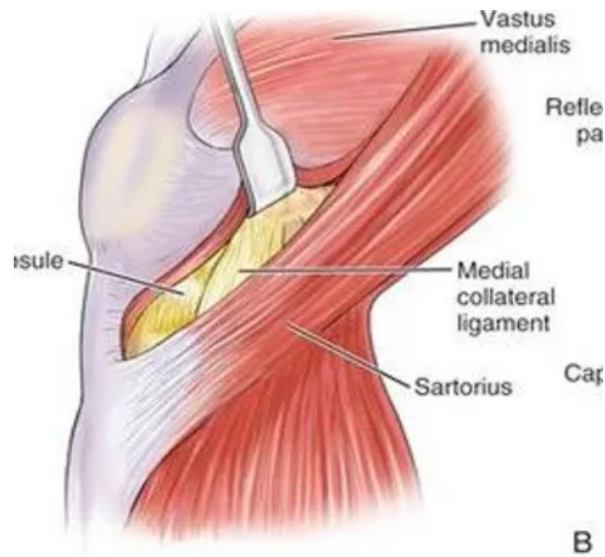
### TOTAL KNEE REPLACEMENT APPROACHES

Traditional Knee Replacement exposure (left image) requires the surgeon to cut the quadriceps tendon and muscle tissue to perform knee replacement surgery. The muscle-sparing approach (right image) allows the surgeon to go between the muscles to expose the knee. This can lead to **LESS PAIN AND FASTER RECOVERY**.

Traditional Approach



Muscle-sparing Approach



### MUSCLE-SPARING APPROACH BENEFITS

- **The Quadriceps tendon is not cut**
  - Instead, the muscle is gently lifted or moved to expose the knee joint
- **Pain may be reduced**
  - Preserving the main thigh muscle can lead to less disruption of vital tissues, potentially minimizing early post-operative pain
- **Early recovery is often faster**
  - Because the largest muscle group isn't cut, many patients find it easier to walk unassisted and discontinue strong pain medications sooner