

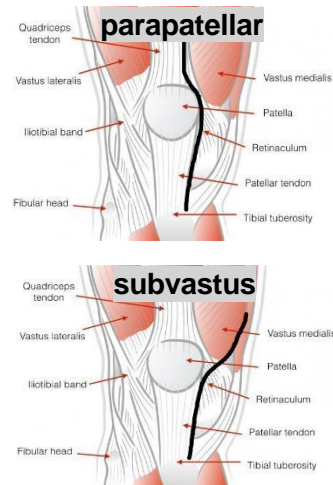
# The SubV Robotic Knee



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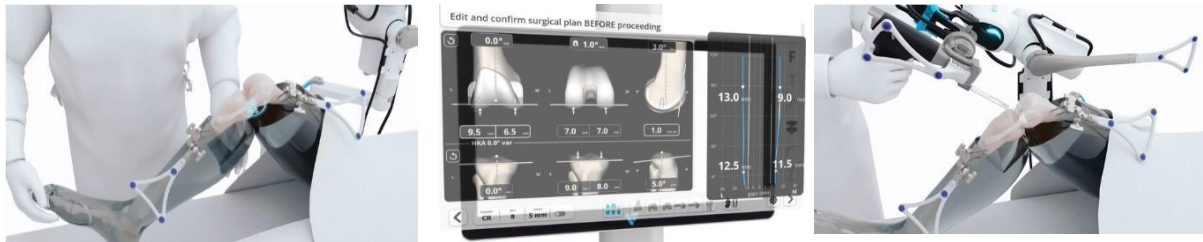
## The SubV Approach

- The subvastus or SubV approach is a muscle-sparing alternative to the traditional medial parapatellar surgical approach. In a traditional knee replacement surgery, the surgeon exposes the knee joint by cutting through the quadriceps muscle. Using the subvastus approach, the quadriceps muscle and tendon are left intact. Instead, your surgeon lifts the muscle and slides the entire unit to the side with no damage or cutting.
- What are the advantages? The subvastus approach improves strength and patellar stability and allows for better early range of motion of the knee.



## Robotic-Assisted Knee Replacement

- The VELYS Robotic-Assisted Solution is a surgical tool used to perform a customized joint replacement. The technology helps your surgeon develop a surgical plan based on your anatomy, offering better balance in the soft tissues around the knee and better alignment of the joint. The robotic arm and hand-held tool then act as a guide, allowing your surgeon to perform more precise bone cuts.
- What are the advantages? Robotic-assisted surgery provides enhanced surgical planning, optimal joint alignment and greater precision.



## What can I expect from my surgery with Dr. Robertson?

- Dr. Robertson performs a SubVastus Robotic-Assisted Knee Replacement. He implements the subvastus approach in combination with the VELYS Robotic-Assisted Solution for the majority of his knee replacement patients.

## Where can I find more information?

- You can visit Dr. Robertson's website: [orthovirginia.com/providers/ryan-n-robertson/](http://orthovirginia.com/providers/ryan-n-robertson/)
- Information regarding the VELYS Robotic-Assisted Solution can be found on the J&J website: [jnmedtech.com/en-US/patient/velys/robotic-assisted-solution](http://jnmedtech.com/en-US/patient/velys/robotic-assisted-solution)
- To make an appointment with Dr. Robertson's team, please call 804-288-3136.

*If you have any problems or questions,  
please call your doctor's office (8am-5pm).  
Answering service for after hours.*

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