

stryker

# CrossBlade

## XL Diamond Burs



# FAI is the most common reason for **hip arthroscopy**

Femoroacetabular Impingement (FAI) can lead to a significant decrease in range of motion.<sup>1,2</sup> A correct repair is extremely important for getting your patients back in the game.

The technical complexity of an arthroscopic FAI case, the knowledge of the arthroscopic anatomy, and the anatomy of the impingement deformities required often leave this procedure exclusively for the experienced hip arthroscopist.<sup>3</sup>

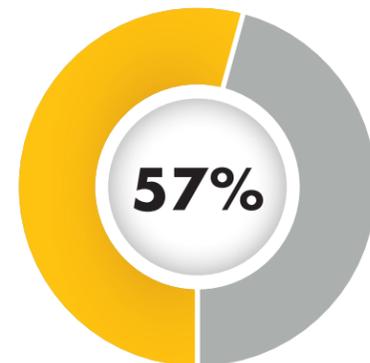
**This is where Stryker Sports Medicine comes in.** Our CrossBlade XL Diamond Burs are designed to increase the control you will have while debriding bone, thereby reducing the difficulty in creating the desired bone shape during surgery. They are also designed to reduce the risk of unintentionally damaging hyaline cartilage, putting control back in your hands.

## Control during FAI repair is key

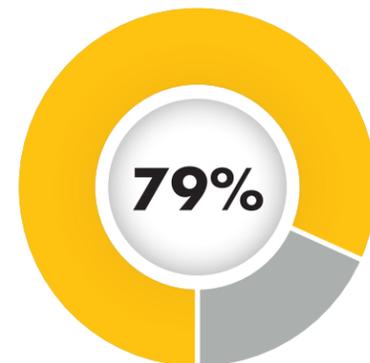
The modern diamond bur was invented in 1932 – intended for dental applications.<sup>5</sup> Since, diamond burs have been implemented in several intricate procedures including Neuro, Spine and Ear, Nose, Throat (ENT).

While most bone work is done using fluted burs, diamond burs allow for delicate removal of bone designed to decrease skipping, loss of control, or grabbing soft tissue.<sup>6</sup> This is why they are used for work near more delicate structures, including facial nerves and spinal dura.<sup>7,8,9</sup> For the first time ever, we are bringing this technology and control to arthroscopy.

**Diamond Burs cut the same in both forward and reverse,** such that a left or right hip is catered to by the same tool. This functionality allows you to be more efficient in the OR.



**Total Hip Arthroscopies** are a result of hip FAI<sup>4</sup>



**Total Revision Hip Arthroscopies** are a result of inadequate resection or arthroscopic reshaping<sup>3</sup>

## Control during FAI repair leads to efficiency

### Surgeon Feedback

35 out of 41 surgeons felt the CrossBlade XL Diamond Bur provides them more control than their current fluted bur.<sup>10</sup>



**Chad Mather, MD**  
Duke University Hospital

“Without question it provides substantially better control and is far gentler on soft tissue than the fluted burs. The increased control and protection of the soft tissues offers advantages for surgeons working with trainees to facilitate safe involvement in the important parts of the case.”



**James Genuario, MD**  
Steadman Hawkins Clinic

“The diamond bur is lightyears ahead of traditional burs. The cutting surface increases OR efficiency by reducing osteoplasty time while reducing chatter and improving responsiveness. The diamond bur should be standard for all hip arthroscopies.”



**Struan Coleman, MD, PhD**  
Hospital for Special Surgery

“It’s great, a much smoother feel; no skipping on the bone or grabbing of soft tissue at all.”

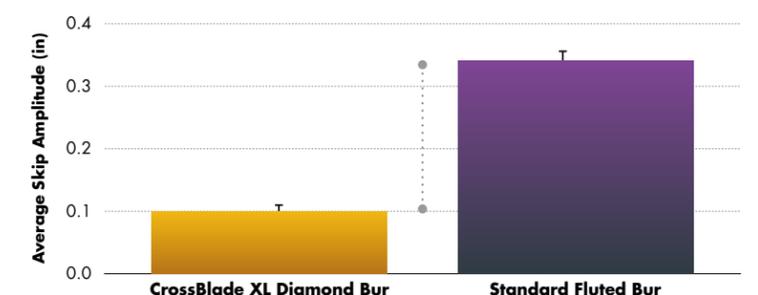


**Shane Nho, MD**  
Rush University Hospital

“The diamond bur gives you the combination of enhanced power and better tactile feedback than any other bur on the market!”

When using the CrossBlade XL Diamond Bur, the average skip distance was reduced by

**71%** compared to the average fluted bur.<sup>11</sup>



Part Number	Description
485-840-000	XL Round Diamond Bur, 4.0mm
485-860-000	XL Round Diamond Bur, 5.5mm



## References

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