



# Football and Concussion

DIAGNOSTICS



concussions are estimated to occur in the United States each year during competitive sports<sup>1</sup>

## CONCUSSION BY THE NUMBERS



of concussions may go unreported<sup>1</sup>



of high school concussions are football related<sup>1,2</sup>



football sees the highest number of concussions among all U.S. sports<sup>1,2</sup>



is the impact speed of a football player tackling a stationary player<sup>3</sup>

## WHAT HAPPENS DURING A SPORTS CONCUSSION?<sup>3</sup>



1 The brain moves rapidly inside the skull

2 The brain strikes the inner skull

3 The head decelerates and stops its motion, causing the brain to hit the opposite side of the skull

Although signs or symptoms of concussion typically begin showing immediately, the full effect of the injury may not be noticeable at first<sup>4</sup>



**IF IN DOUBT,  
SIT IT OUT<sup>3</sup>**

Athletes who seem to have suffered a concussion should be immediately removed from play and evaluated by a licensed health care provider.

To learn more about concussion, please visit [www.abbott.com](http://www.abbott.com) and [www.brainline.org](http://www.brainline.org)

### REFERENCES

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