

## Time to see what you know already...

• Phones out!

Scan the QR code

- Input up to 3 answers its anonymous!!
- I do not mind about your spelling



## Concussion: What is it?

Not classified as a structural injury



Concussion is defined as any *transient neurological disturbance in brain function* caused by biomechanical force/trauma (Ferry, 2022; Chancellor *et al.*, 2019; Giza and Hovda, 2001)

Caused by a direct or indirect blow to head - causing the brain to shake

Is a subset of minor traumatic brain injuries (mTBI) (Ferry, 2022)



## Concussion: Signs & Symptoms

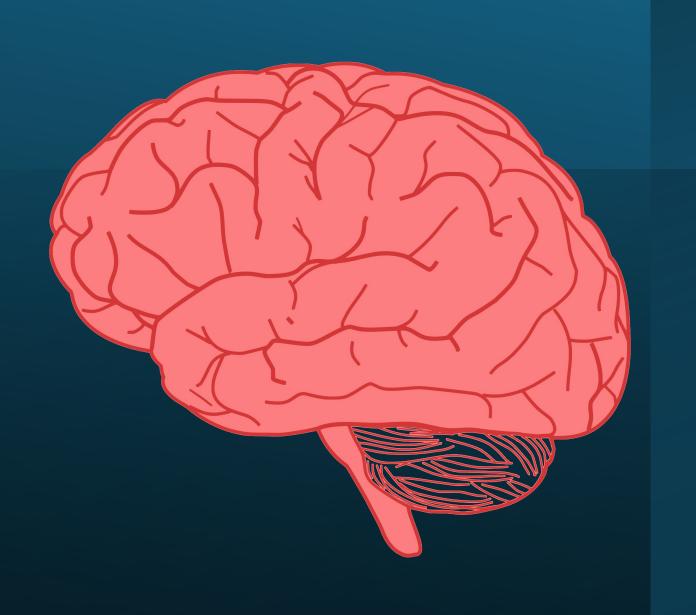
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One pupil dilated more than the other	Feeling in a fog	Sensitivity to noise
triari tric otrici	Pressure in the head	Sensitivity to light
Nausea/vomiting	Feeling slowed down	Memory loss
Loss of consciousness	Balance problems	Dizziness
Tonic Posturing	•	More emotional/irritable
Headache	Trouble falling asleep	Double vision
rieduaciie	Neck pain	Pale, clammy skin
Confusion	Difficult concentrating	Nervous or anxious
Sadness	Blurred vision	Fatigue or low energy
Not feeling right	Feeling dazed	Drowsiness



## The Deadly Truth...

What would you do if you broke your leg?

A concussion will leave your vulnerable to further injury, including your brain

A single symptom is enough to warrant a removal from play

Post concussive syndrome is not your friend

Concussion can take 0 – 72 hours to appear

It can kill you if not treated with respect

# BEN'S LEGACY



## Future Implications...

Multiple concussions can lead to severe adverse conditions, including brain pathologies in later life

These include (but not limited to):

- Parkinson's disease
- Alzheimers/dementia
- Chronic Traumatic Encephalopathy (CTE)
  - MND?

## What should I do?



Remove yourself from the game – you only get 1 brain!



Get yourself checked out – hospital or urgent care



Speak to the first aider at the game



Ensure you follow the guidelines to return to sport



Drop into the Sports Injury Clinic

## What should I not do?



#### Stay silent

Hide it and carry on playing – be open and honest



#### **Drive**

Drive – You should not drive for a minimum 24 hours post concussion



#### **Drink**

Drink – No alcohol consumption for a minimum 24 hours post concussion



#### **Pain Relief**

Take painkillers

# Graduated Return to Activity & Sport (GRAS)

The GRAS is a stepwise process

6 stages to return to play safely

Guidelines available online; You can come into clinic to be supervised through these stages



# Graduated Return to Activity & Sport (GRAS)

If any symptoms reoccur, then the athlete must drop back to the previous stage in the stepwise program where they were asymptomatic

They can "reattempt" to progress again after 24-hours of rest have passed

All stages must be completed before the athlete RTP – minimum RTP is 21 days, providing the athlete has been symptom free for 14 days



# Take home messages

You only get 1 brain!

If in doubt – sit out

Significant head injuries signal a medical emergency in a sporting context

Concussion can kill if ignored

Complete the GRAS Stages to return to sport safely