



Appendix 4

**This appendix was part of the submitted manuscript and has been peer reviewed.
It is posted as supplied by the authors.**

Appendix to: Elkington LJ, Hughes DC. Australian Institute of Sport and Australian Medical Association position statement on concussion in sport. *Med J Aust* 2017; 206: 46-50.
doi: 10.5694/mja16.00741.

**Athlete with
suspected concussion**

History suggesting concussion:

- Trauma
- Loss of consciousness
- Seizure
- Headache
- Drowsiness
- Nausea/vomiting
- Balance disturbance
- Confusion, memory impairment
- Emotionally labile
- Visual disturbance

YES

SCAT 3

Neurological examination

Normal

Monitor and
reassess as
appropriate

Instigate return to
sport protocol, once
symptom free
Clear instruction
to stop sport and
return for further
assessment, if
any symptoms
subsequently develop

Abnormal

No suspicion
of intracranial
pathology or
spinal injury

Medical
investigations if
any suspicion of
intracranial pathology
or spinal injury

Investigations normal

Investigations abnormal

Specialist referral

NO

SCAT 3

Neurological examination

Normal

Instigate return to
sport protocol
Clear instruction
to stop sport and
return for further
assessment, if
any symptoms
subsequently develop