

# Performance Analysis in Paralympic and Elite Disability Sport: Reflections on the past & opportunities for the future

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### Our reflections:

- One of the youngest sports science disciplines, especially in Paralympic & disability sport.
- Limited research, people & provision compared to able-bodied sports.
- Increasing national and international awareness of disability per se, and in both Paralympic & elite disability sport contexts.
- Increasing exposure, sponsorship & funding.



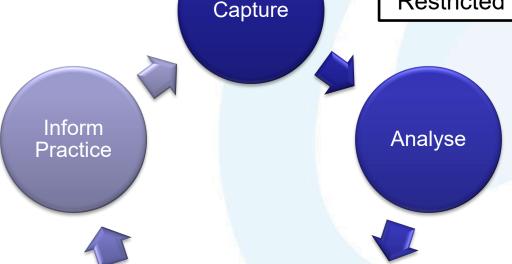


(Burkett 2008; Gamonales et al., 2019; Gómez et al. 2014; Hayrinen et al. 2010; Kohe & Peters 2014) www.worcester.ac.uk



## Additional Challenges:

Meaningful data that can be used by coaches, athletes and other staff to impact performance and development



TV feeds or own filming Restricted or no filming location

Variables/indicators specific to impairment/classification e.g. passing efficacy acknowledging the receipt's functional ability

Individualised, group and team feedback that is inclusive, engaging and active.



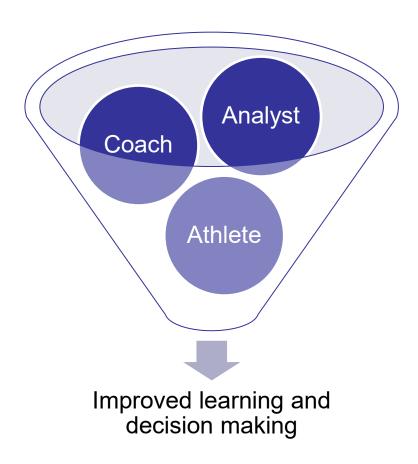


Profiling of individual's performances and comparisons to classification or impairment groups

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## **Exciting Opportunities:**



- Co-created disability specific performance analysis development workshops for:
  - Coach & analyst
  - Athlete & analyst
  - Coach, athlete & analyst
  - Multi-disciplinary support staff & analyst
- Greater collaboration with software companies to increase accessibility for coaches, analysts and athletes.







## Future directions:

- Creation of a platform for international research & knowledge exchange
- Further co-creation of sport & condition relevant resources for all individuals involved in the Paralympic & elite disability sport performance analysis process
- Increased allocation of sport/team funding in order to develop provision & enhance subsequent performance
- Equitable funding for Paralympic & elite disability sport aligned with their 'able-bodied' counterparts





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