

PAC4451: Dermatology

Topic 1: Drug in Sports (Phil Bergen)

Key points to remember:

- Receive immediate treatment based on the RICER management of soft tissue injury (i.e. ligament sprains, muscle strains, corks, bumps, bruises, or any sport injuries).
 - Proper management during the first ... *(to be continued)*

Arranged comments on NSAIDs use (important!):

- Ibuprofen has a relatively short half-life which may seem to be effective in this case; however, the better option would be diclofenac/Voltaren which has the shortest half-life.
- The use of NSAID in soft tissue injury management is controversial as there are advantages and disadvantages associated with it. *(to be continued)*

Topic 2: Skin (Paul White)

Similarities between eczema and psoriasis:

- Activation of antigen-presenting cells (e.g. dermal dendritic cells, Langerhans cells and keratinocytes) results in internalisation and display of antigens via MHC molecules
- Activated APCs migrate to *(to be continued)*

Psoriasis	Differences	Eczema
Auto-antigen (self antigen) – an autoimmune skin condition	Trigger	Allergen (e.g. pollen) – allergic skin condition
TNF- α and IL-1	Cytokines involved	<ul style="list-style-type: none">• IL-4 (activates B cells to produce IgE antibodies);• IL-5 (attracts eosinophils)
	<i>AND MANY MORE!</i>	