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### Orthobiologics in the treatment of hip disorders

Kruel A *et al.* Orthobiologics for hip disorders

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 José Fábio Santos Duarte Lana

#### Abstract

Orthobiologics are biological materials that are intended for the regeneration or healing of bone, cartilage and soft tissues. <sup>8</sup> In this review we discuss the use of orthobiologics for hip disorders providing an update. The orthobiologics included in this article are <sup>16</sup> hyaluronic acid, platelet rich plasma, bone marrow, adipose tissue and expanded mesenchymal stem cells. We explain the concepts

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