



## Knowledge Forum

### Degenerative



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## Publication summary of AO Spine Knowledge Forum

### Degenerative –

### Biologics Health Technology Assessment project (HTA)

To access abstract or full text, click on PubMed link after reference.

#### Peer-reviewed Journal Articles:

1. Buser Z, Hsieh P, Meisel HJ, Skelly AC, Brodt ED, Brodke DS, Park JB, Yoon ST, Wang J. *Use of Autologous Stem Cells in Lumbar Spinal Fusion: A Systematic Review of Current Clinical Evidence*. Global Spine Journal, 2020.



2. Hsieh PC, Chung AS, Brodke D, Park JB, Skelly AC, Brodt ED, Chang K, Buser Z, Meisel HJ, Yoon ST, Wang JC. *Autologous Stem Cells in Cervical Spine Fusion*. Global Spine Journal, 2020.



3. Hsieh PC, Buser Z, Skelly AC, Brodt ED, Brodke D, Meisel HJ, Park JB, Yoon ST, Wang JC. *Allogenic Stem Cells in Spinal Fusion: A Systematic Review*. Global Spine Journal 9(1 Suppl): 22S-38S, 2019.



4. Meisel HJ, Agarwal N, Hsieh PC, Skelly A, Park JB, Brodke D, Wang JC, Yoon ST, Buser Z. *Cell Therapy for Treatment of Intervertebral Disc Degeneration: A Systematic Review*. Global Spine Journal 9(1 Suppl): 39S-52S, 2019.



5. Buser Z, Brodke DS, Youssef JA, Rometsch E, Park JB, Yoon ST, Wang JC, Meisel HJ. *Allograft Versus Demineralized Bone Matrix in Instrumented and Noninstrumented Lumbar Fusion: A Systematic Review*. Global Spine Journal 8(4): 396-412, 2018.



6. Tuchman A, Brodke DS, Youssef JA, Meisel HJ, Dettori JR, Park JB, Yoon ST, Wang JC. *Autograft versus Allograft for Cervical Spinal Fusion: A Systematic Review*. Global Spine Journal 7(1): 59-70, 2017.



7. Buser Z, Brodke DS, Youssef JA, Meisel HJ, Myhre SL, Hashimoto R, Park JB, Tim Yoon S, Wang JC. *Synthetic bone graft versus autograft or allograft for spinal fusion: a systematic review*. J Neurosurg Spine 25(4): 509-516, 2016.



8. Tuchman A, Brodke DS, Youssef JA, Meisel HJ, Dettori JR, Park JB, Yoon ST, Wang JC. *Iliac Crest Bone Graft versus Local Autograft or Allograft for Lumbar Spinal Fusion: A Systematic Review*. *Global Spine Journal* 6(6): 592-606, 2016.



### Conference Proceedings:

#### *Podium Presentations*

1. Hsieh P, **Chang K**, Buser Z, Skelly A, Meisel H-J, Park J-B, Youssef J, Brodke D, Wang J, Yoon ST. *Allogeneic Stem Cells In Cervical And Lumbar Spinal Fusions: A Systematic Review*. *Global Spine Congress 2019, Toronto, ON, Canada, May 15-18, 2019*.

2. **Meisel H-J**, Agarwal N, Skelly A, Hsieh P, Park J-B, Youssef J, Brodke D, Wang J, Yoon ST, Buser Z. *Cell Therapy For Treatment Of Intervertebral Disc Degeneration: A Systematic Review*. *Global Spine Congress 2019, Toronto, ON, Canada, May 15-18, 2019*.