

vitamys: Publications

Year	Title	Publication type	Medium	Authors	Link
2017	Particles and Ions Generated in Total Hip Joint Prostheses: In Vitro Wear Test Results of UHMWPE and XLPE Acetabular Components	Publication	Tribol Lett (2017) 65:92, DOI 10.1007/s11249-017-0872-2	Zohdi H, Andreatta B, Heuberger R	Link
2014	Edge loading does not increase wear rates of ceramic-on-ceramic and metal-on-polyethylene articulations	Publication	J Biomed Mater Res B Appl Biomater. 2014 Mar 21. doi: 10.1002/jbm.b.33147	Halma J, Señaris J, Delfosse D, Lerb R, Oberbach T, van Gaalen SM, de Gast A	Link
2012	Grafting of α -tocopherol upon γ -irradiation in UHMWPE probed by model hydrocarbons	Publication	Polymer Degradation and Stability. 2012; 97(11): 2255-2261	Badertscher R, Lerb R, Delfosse D, Adlhard C	Link
2010	Use of vitamin E to protect cross-linked UHMWPE from oxidation	Publication	Biomaterials 31 (2010) 3643-3648	Lerb R, Zurbrügg D, Delfosse D	Link
2009	Development of a low wear and ageing resistant UHMWPE	Publication	European Cells and Materials. 2009; 17(1): 18.	Lerb R	Link

vitamys: Congress Presentations, Congress Posters and other References

Year	Title	Publication type	Medium	Authors	Link
2018	How a Minute Addition of a Vitamin Can Enhance Polyethylene for Young and Active Patients	Congress presentation	Conference for Biomedical Polymers and Polymeric Biomaterials (ISBPPB) 15.-18.07.2018, Krakow, Poland	Delfosse D, Lerb R, Mürger P	
2017	Hip simulator studies of highly cross-linked, vitamin E stabilised UHMWPE under severe conditions	Congress presentation	EORS, 13.-15.09.2017, München, Germany	Lerb R, Delfosse D	
2013	Acetabular wear in vitamin E stabilized highly cross-linked polyethylene	Congress presentation	SOFCOT. 11.-14.11.2013, Paris, France	Vielpeau C, Lemaitre G, Lebel B, Creveuil C, Bourroux E	
2011	Homogeneity and grafting of small and large quantities of Vitamin E in Ultra High Molecular Weight Polyethylene	Congress presentation	5th UHMWPE International Meeting. 22.-23.09.2011, Philadelphia, USA	Lerb R, Zurbrügg D, Delfosse D	
2011	Preclinical worst-case testing of a novel vitamin-doped HXLPE	Congress presentation	AOA NZOA Combined Meeting. 09.-14.10.2011, Rotorua, New Zealand	Delfosse D, French G, Morgan D	

2010	First clinical experience with vitamin-doped cross-linked polyethylene	Congress poster	Meet the Expert. 20.-21.05.2010, Interlaken, Switzerland	Delfosse D, Lerf R, Lüthi M	
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