

Cerabone® literature overview:

1)

Cerabone® - eine Spongiosa-Keramik bovinen Ursprungs

P. Seidel, E. Dingeldein

Materialwissenschaft und Werkstofftechnik Volume 35 Issue 4, Pages 208–212 Published Online: 1 Apr 2004

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Characterization of porous hydroxyapatite (Endobon).

Hing KA, Best SM, Bonfield W.

J Mater Sci Mater Med. 1999 Mar;10(3):135-45.

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Bone substitutes as carriers for transforming growth factor-beta(1) (TGF-beta(1)).

Gille J, Dorn B, Kekow J, Bruns J, Behrens P.

Int Orthop. 2002;26(4):203-6. Epub 2002 Apr 23.

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A thorough physicochemical characterisation of 14 calcium phosphate-based bone substitution materials (Cerabone®) in comparison to natural bone.

Tadic D, Epple M.

Biomaterials. 2004 Mar;25(6):987-94.

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Injectable nanocrystalline hydroxyapatite paste & solid hydroxyapatite ceramic (Cerabone®) for bone substitution: in vivo analysis of biocompatibility and vascularization.

Laschke MW, Witt K, Pohlemann T, Menger MD.

J Biomed Mater Res B Appl Biomater. 2007 Aug;82(2):494-505

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Biomechanical assessment of bone ingrowth in porous hydroxyapatite.

Hing KA, Best SM, Tanner KE, Bonfield W, Revell PA.

J Mater Sci Mater Med. 1997 Dec;8(12):731-6.

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Evaluation of a novel nanocrystalline hydroxyapatite paste and a solid hydroxyapatite ceramic (Cerabone®) for the treatment of critical size bone defects (CSD) in rabbits.

Huber FX, Berger I, McArthur N, Huber C, Kock HP, Hillmeier J, Meeder PJ.

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Various evaluation techniques of newly formed bone in porous hydroxyapatite Endobon loaded with human bone marrow cells implanted in an extra-osseous site.

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Schnettler R, Dingeldein E, Herr G.

Orthopade. 1998 Feb;27(2):80-8.

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Ectopic bone formation with the help of growth factor bFGF.

Wiltfang J, Merten HA, Wiltfang J.

J Craniomaxillofac Surg. 1996 Oct;24(5):300-4.

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Tissue reaction and material characteristics of four bone substitutes.

Jensen SS, Aaboe M, Pinholt EM, Hjørting-Hansen E, Melsen F, Ruyter IE.

Int J Oral Maxillofac Implants. 1996 Jan-Feb;11(1):55-66.

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Biomaterials. 2003 Nov;24(25):4603-8.

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Treatment of dorsally displaced distal radius fractures with a double dorsal plate: a study of 12 patients

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Chir Main. 2006 Feb;25(1):27-32.

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Endres S, Kratz M, Heinz M, Herzberger C, Reichel S, von Garrel T, Gotzen L, Wilke A.

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J Hand Surg [Am]. 2000 Sep;25(5):833-41.

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