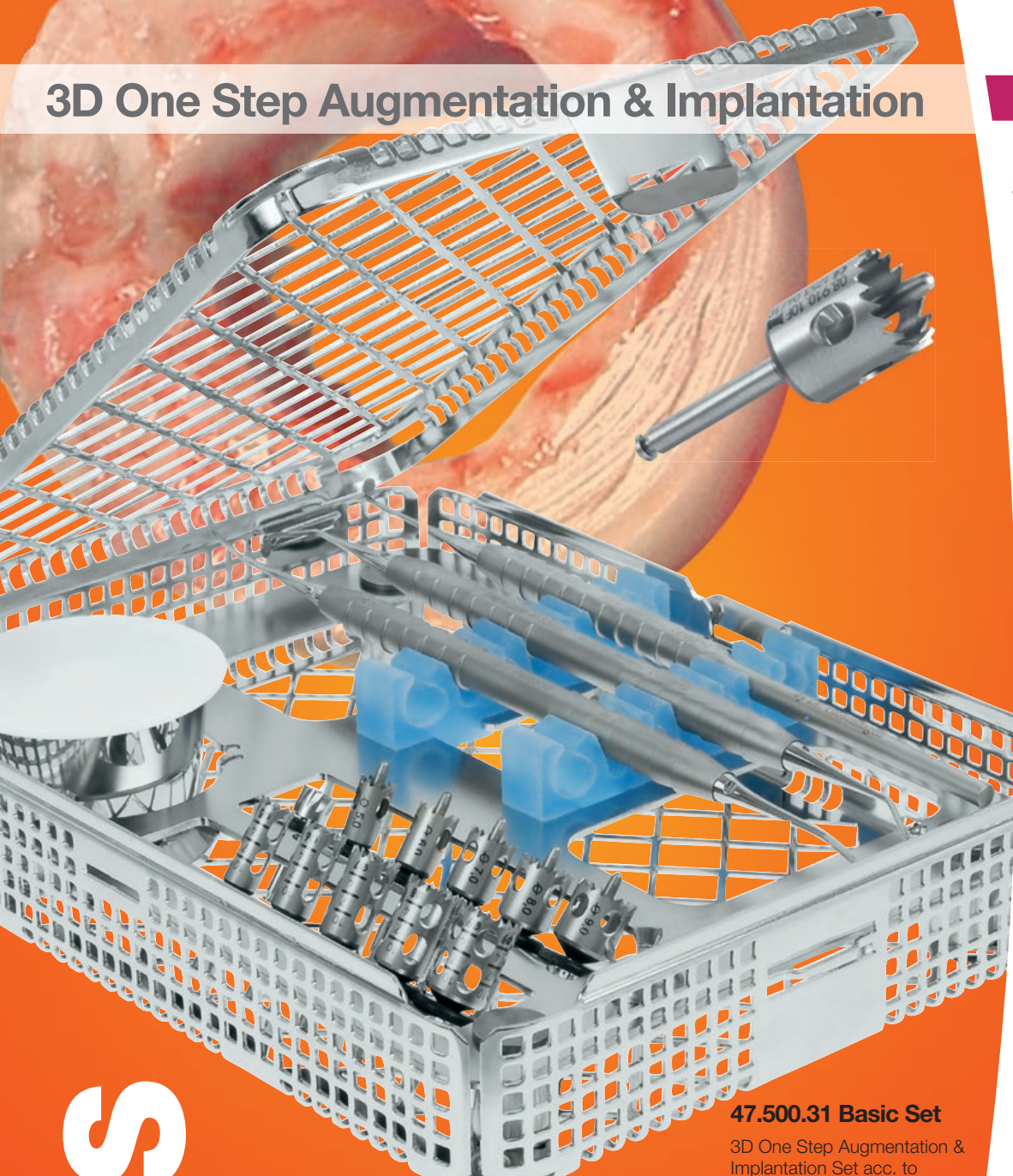


3D BONE RING

technique

3D One Step Augmentation & Implantation



3D One Step Augmentation & Implantation

acc to. Dr. Bernd Giesenhagen

In co-operation with Dr. Bernd Giesenhagen, the company **HELMUT ZEPF** has developed a new set for the One Step Vertical Augmentation with ring-shaped bone transplants.

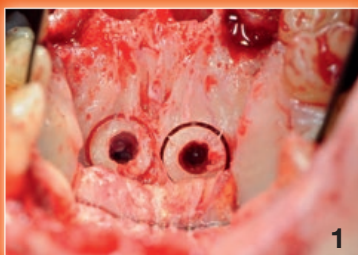
The aim of this development is an accelerated implant treatment. Thereby, the security of the implantological success as well as the convincing result for the patient and the user have priority. In many cases, this new augmentation method can be used to build up the bone base for the insertion of one or more implants.

Particularly suitable for the vertical augmentation of the highly atrophied and distally mandibular (pic. 2). With this newly introduced technique, perfectly fitting ring-shaped bone transplants are removed from the chin-, retro-molar region or from the palatal area (pic. 1) by means of trephines and fixed immediately in the receiving area with a screw implant.

Dr. Bernd Giesenhagen, the inventor of this procedure, and **HELMUT ZEPF** have selected a special range of instrumentation for precise and time-saving steps of treatment in order to ensure an optimal function.

47.500.31 Basic Set

3D One Step Augmentation & Implantation Set acc. to Dr. Bernd Giesenhagen



NEWS

10/14



HELMUT ZEPF
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3D One Step Augmentation & Implantation

3D One Step Augmentation & Implantation

acc. to Dr. Bernd Giesenhausen

The local cortical bone structure with spongy parts of vital cells guarantees a safe fixation with short healing time.

The filling of possibly existing cavities is usually made by spongy chips taken from the donor area or by bone substitutes.

For an additional coverage of the augmented area with a barrier membrane we recommend our **HELMUT ZEPF** Augmentation Kit 47.966.00.

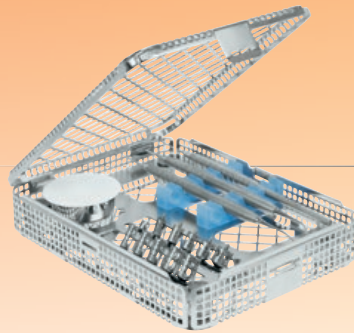
For detailed information on technical application and offers of training courses, please refer to:

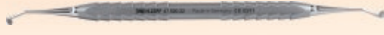








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	Article description	Order quantity	
	47.500.31 3D One Step Augmentation & Implantation Set acc. to Dr. Bernd Giesenhausen, Basic Set	[]	
	85.184.18 Washtray 1/2 with Lid and Instrument Rack	[]	
	47.520.22 Adenoid Curette, Ø 3 mm, 30° angled	[]	
	47.520.23 Adenoid Curette, Ø 3 mm, single-ended, straight	[]	
	47.520.25 Ringbreaker, small/large, double-ended	[]	
	85.251.00 Mixing Cup, stainless, with POM Lid, Ø 4 cm	[]	
	08.910.22 Plain Milling Cutter Ø 6 mm, dental lock	[]	
	08.910.13S Trepine, short, inner Ø 5 mm*	[]	
	08.910.08S Trepine, short, inner Ø 6 mm*	[]	
	08.910.09S Trepine, short, inner Ø 7 mm*	[]	
	08.910.10S Trepine, short, inner Ø 8 mm*	[]	
	08.910.11S Trepine, short, inner Ø 9 mm*	[]	
	Trepine with fixation support inside		
	08.910.13F Ø 5 mm*	[]	
	08.910.08F Ø 6 mm*	[]	
	08.910.09F Ø 7 mm*	[]	
	08.910.10F Ø 8 mm*	[]	
	Optional accessory (not included in Basic Set)		
	47.099.25 Ring Applicator for rings with Ø 5 and Ø 7 mm, extendable to Ø 9 mm by means of a metal ring – see article 47.099.26	[]	
		47.099.26 Metal Ring for Ring Applicator 47.099.25 – for holding bigger bone rings with Ø 9,0 mm	[]



All medical devices indicated here bear the CE mark according to the Medical Device Directive 93/42/EEC. Medical devices marked * = CE 1253.

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