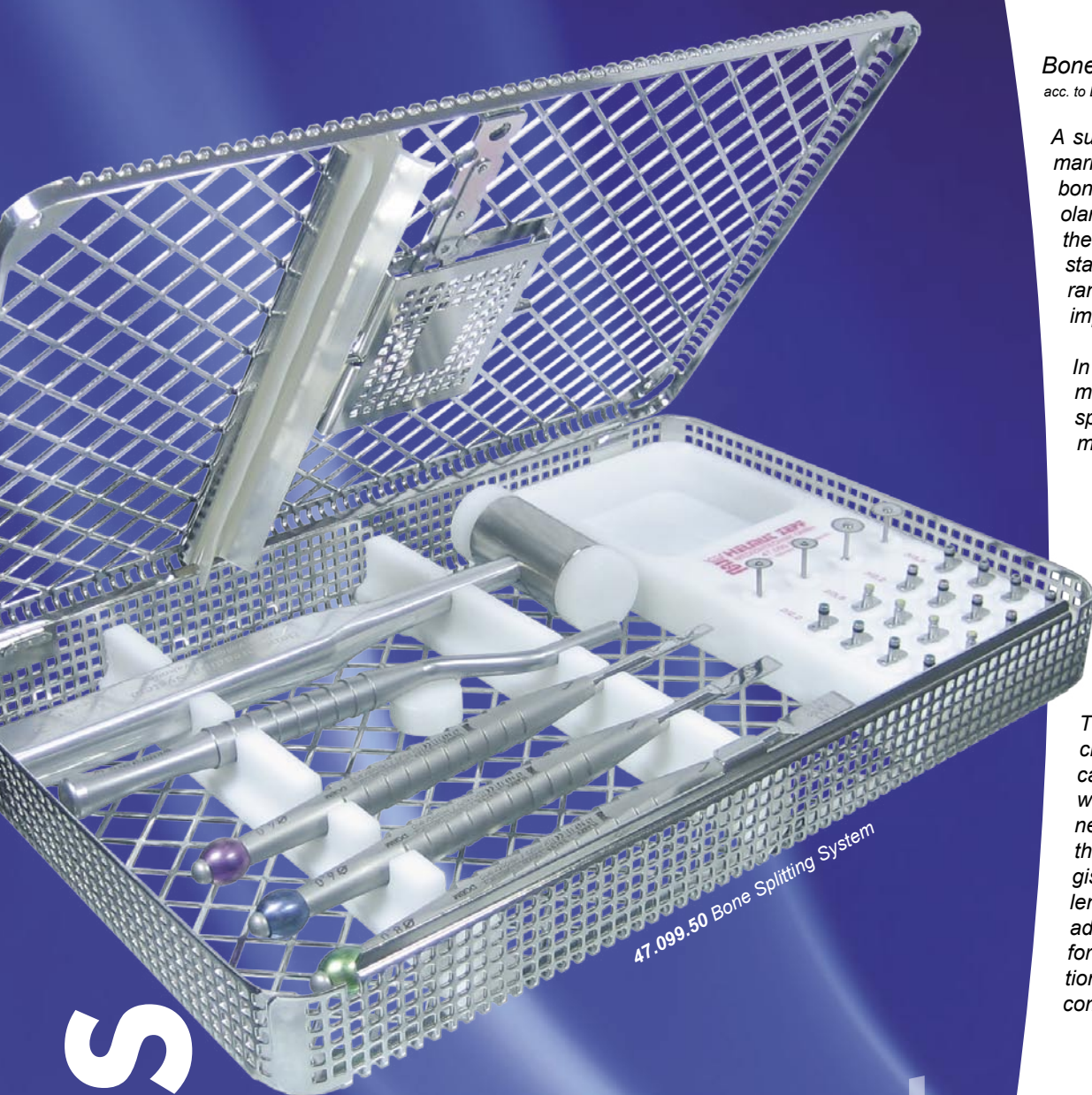


# Bone Splitting System

acc. to Dr. Vollmer & Dr. Valentin



47.099.50 Bone Splitting System

Pat. Pend.

## Bone Splitting System

acc. to Dr. Vollmer & Dr. Valentin

A successful implantation primarily depends on sufficient bone in the region of the alveolar process and especially on the quality of the bone. Only a stable bone structure can guarantee a safe anchorage of the implant.

In addition to modern augmentation methods, the bone splitting technique is becoming more and more important.



The principle is based on the creation of a similar alveolar cavity in the maxillary crest with a good potential of regeneration. For this indication, the experienced implantologists Dr. Vollmer and Dr. Valentin have developed exactly adapted system components for different anatomical situations in co-operation with the company **HELMUT ZEPF**.

NEWS

12/06



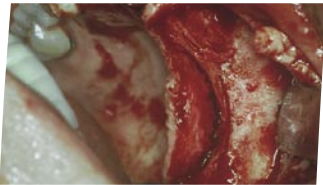
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### Bone Splitting System

acc. to Dr. Vollmer & Dr. Valentin

At first, the maxillary crest which has become too small due to atrophy is being separated in its longitudinal direction by diamond discs. Thereafter, it is split carefully by means of chisels. In doing so, the lateral cortical bone lamellae are preferably displaced in labial direction.















After these preparatory steps, small wedges are inserted in the gap. In each case, two wedges are used as placeholders for the drilling of the implant bed and the insertion of the implant.



While drilling, the bone lamellae are reliably prevented from springing back. Upon insertion of the implants and removal of the inter-implantary wedges, the remaining gaps can be filled with augmentation material in order to allow an augmentation and, in opportune cases, an immediate and simultaneous implantation.



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	Article Description	Order Quantity
	<b>47.099.50</b> - Bone Splitting System acc. to Dr. Vollmer & Dr. Valentin	[    ]
	<b>85.185.65</b> - Wash tray with Teflon® rack system and lid (incl. retainer)	[    ]
	<b>47.099.08</b> - Separating disc, 8 mm diam. (2 pieces included in the set)	[    ]
	<b>47.099.10</b> - Separating disc, 10 mm diam. (2 pieces included in the set)	[    ]
	<b>47.099.31</b> - Wedge, 2 mm / 2,2 mm (4 pieces included in the set)	[    ]
	<b>47.099.32</b> - Wedge, 2 mm / 3,5 mm (4 pieces included in the set)	[    ]
	<b>47.099.33</b> - Wedge, 3 mm / 2,2 mm (4 pieces included in the set)	[    ]
	<b>47.099.34</b> - Wedge, 3 mm / 3,5 mm (4 pieces included in the set)	[    ]
	<b>47.099.20</b> - Wedge applicator	[    ]
	<b>47.949.11</b> - Pointed chisel, 4 mm, red	[    ]
	<b>47.949.12</b> - Pointed chisel, 6 mm, blue	[    ]
	<b>47.949.13</b> - Pointed chisel, 8 mm, green	[    ]
	<b>41.501.01</b> - Hammer with exchangeable Teflon® inserts, 25 mm diam., and light metal handle, acc. to Dr. Vollmer & Dr. Valentin	[    ]

\* All prices quoted are recommended retail prices plus value added tax. Delivery and invoicing is made through the specialized trade. Subject to price corrections.

Customer Number

**Order by Fax to +49 (0) 7464 / 98 88 88**

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