

ABSTRACT

Disclosed are a medical bone connecting device (1; 2; 3; 4; 5) and a method carried out by
 5 means of this device for connecting two bones or bone parts of a human or animal patient. The bone connecting device (1; 2; 3; 4; 5) has a first connecting element (13; 21, 22; 23; 33; 42; 51) and a second connecting element (15; 24; 34; 41; 53), each of which is made of a fiber-reinforced plastics material and can be fixed to one another. The first connecting element (13; 21, 22; 23; 33; 42; 51) has a first latching structure (133; 212, 222; 233, 233'; 333; 423; 513) with a plurality of first latching elements (134, 134'; 139, 139'; 213, 213', 223, 223'; 234, 234', 334, 334'; 424; 514, 514') and the second connecting element (15; 24; 34; 41; 53) has a second latching structure (153; 243; 343; 413; 533) with a plurality of second latching elements (154, 154'; 244, 244'; 344, 344'; 414; 534, 534'). In order to fix the first and second connecting elements to one another, the first latching elements (134, 134'; 139, 139'; 213, 213', 223, 223'; 234, 234', 334, 334'; 424; 514, 514') are latchable to the second latching elements (154, 154'; 244, 244'; 344, 344'; 414; 534, 534').
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(Fig. 1a)