

13

intermediate part forms, wherein each of the intermediate part forms is configured to provide a cross-sectional shape with an outer periphery forming at least one of:

- (1) a non-circular curved shape,
- (2) a polygonal shape,
- (3) (1) and (2), and
- (4) an irregular shape having a substantially flat side and a curved side.

8. The modular dental implant kit of claim 1, wherein at least one of the head, the intermediate part, and the anchor includes an exterior surface selected from the group consisting of:

- a surface configured to be easily cleaned of bacteria,
- a surface configured to promote formation of an epithelial barrier,
- a surface configured to promote soft tissue formation,
- a surface configured to promote a soft tissue barrier,
- a surface configured to promote cortical bone growth, and
- a surface configured to promote cancellous bone growth.

9. The modular dental implant kit of claim 7, wherein each of the intermediate part forms includes a longitudinal taper angle.

10. The modular dental implant kit of claim 1, further comprising:

- a plurality of intermediate parts, each including an intermediate part form;
- a plurality of cores, each of said cores configured to extend axially from at least one of the head and the anchor; and

14

a locking mechanism formed on each core and configured for securing the head to the anchor, wherein a length of each core corresponds to a length of a the corresponding intermediate part.

11. The modular dental implant kit of claim 10, further comprising a plurality of heads each including a head form and a plurality of anchors each including an anchor form, wherein at least one of the intermediate part forms, the head forms, or the anchor forms is configured to be selected for a particular examined patient site configured to receive the modular implant.

12. The modular dental implant kit of claim 11, wherein each of the plurality of intermediate forms is configured to be assembled on at least one of the plurality of head forms.

13. The modular dental implant kit of claim 1 wherein at least one of the head, the intermediate part, the core, and the anchor is customized for a particular patient.

14. The modular dental implant kit of claim 1 wherein the head is sized and configured to be assembled to the intermediate part and the anchor after the intermediate part and the anchor are implanted.

15. The modular dental implant kit of claim 1, wherein the head includes at least one of a surface coating, a roughened surface, a polished collar, a biological coating.

16. The modular dental implant kit of claim 1, wherein the head, the intermediate part, and the anchor, when assembled, are configured to define a specified coronal-apical length of the modular implant.

* * * * *