



Figure S1. pQCT images of bone with filling: (A) FAP 3M; (B) FAP 6M; (C) HAP 3M; (D) HAP 6M. In FAP preparations, there is an increase in the density of the bone defect at the site of filling with the duration of observation (panels A and B, **red arrows**). The cortical layer of the defect is almost developed (panel B—**blue arrow**). In the HAP preparations, the density of the bone defect filling is slightly lower in the 6th month of observation than in the 3rd month of observation (panels C and D, **yellow arrows**). There are slight porosities within the restoration (panel D—**yellow asterisk**), with a fully developed cortical layer of the defect.

Table S1. Results of Tukey's post hoc test for TOT_CNT results obtained by pQCT. Due to the large number of compared groups, only those for which a statistically significant difference was found are presented. Symbol meaning: * $p \leq 0.05$, ** $p \leq 0.01$, *** $p \leq 0.001$, **** $p \leq 0.0001$.

Groups Compared	Significant?	Summary	Adjusted p Value
Control 3M vs. FAP Ref	Yes	*	0.0243
Control 3M vs. HAP 6M	Yes	*	0.0479
Control 3M vs. HAP 3M	Yes	**	0.0064
Control 6M vs. FAP 3M	Yes	***	0.0001
Control 3M vs. FAP 3M	Yes	****	<0.0001
Control 3M vs. FAP 6M	Yes	****	<0.0001
Control 6M vs. FAP 6M	Yes	****	<0.0001
FAP 3M vs. HAP 6M	Yes	*	0.0432
FAP 3M vs. HAP Ref	Yes	**	0.0031
FAP 6M vs. HAP 3M	Yes	**	0.0039
FAP 6M vs. HAP 6M	Yes	***	0.0002
FAP 6M vs. HAP Ref	Yes	****	<0.0001

Table S2. Results of Tukey's post hoc test for TOT_DEN results obtained by pQCT. Due to the large number of compared groups, only those for which a statistically significant difference was found are presented. Symbol meaning: * $p \leq 0.05$, ** $p \leq 0.01$.

Groups Compared	Significant?	Summary	Adjusted p Value
Control 3M vs. FAP 6M	Yes	*	0.0119
Control 3M vs. HAP 3M	Yes	*	0.0281
Control 3M vs. HAP 6M	Yes	*	0.0157
Control 6M vs. FAP 6M	Yes	**	0.0026
Control 6M vs. HAP 3M	Yes	**	0.0069
Control 6M vs. HAP 6M	Yes	**	0.0037
FAP 6M vs. HAP Ref	Yes	**	0.0011
HAP Ref vs. HAP 3M	Yes	**	0.0024
HAP Ref vs. HAP 6M	Yes	**	0.0014