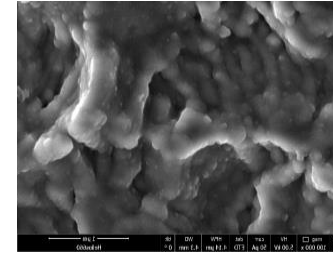
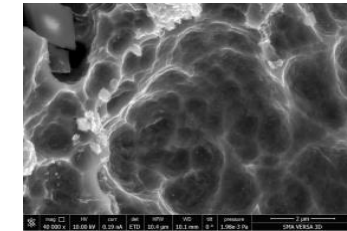


Problem: the release of metal ions

Surface without coating provokes
the release of metal ions



with carbon coating of Sp1 phase



without coating

Implant sample	Molecular mass parameters of supernatants after incubation of dental implants		
Implants	D, nm	ACR, kcps	PD, %
without coating	221	5.3	0.005
with carbon coating of Sp3 phase	0	0	0

D - the average particle diameter

ACR - the average count rate, kilo counts per second,

PD - polydispersity of the sample, %