

Materials List for:

Oral Biofilm Formation on Different Materials for Dental Implants

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Materials

Name	Company	Catalog Number	Comments
Hydrogum 5	Zhermack Dental	C302070	
Durone IV	Dentsply	17130500002	
NiCr wire	Morelli	55.01.070	
JET auto polymerizing acrylic	Clássico		
Dental wax	Clássico		
Pressure pot	Essencedental		
Sandpapers 600 grit	NORTON	T216	
Sandpapers 1200 grit	NORTON	T401	
Sandpapers 2000 grit	NORTON	T402	
Metallographic Polishing Machine	Arotec		
Isopropyl alcohol	SIGMA-ALDRICH	W292907	
Hot melt adhesive	TECSIL	PAH M20017	
Filmtracer LIVE/DEAD Biofilm Viability Kit	Invitrogen	L10316	
Pipette Tips, 10 µL	KASVI	K8-10	
Pipette Tips, 1,000 µL	KASVI	K8-1000B	
24-well plate	KASVI	K12-024	
Glass Bottom Dish	Thermo Scientific	150680	
AxioObserver inverted microscope	ZEISS		
Chameleon vision ii laser	Coherent		
Objective EC Plan-Neofluar 40x/1.30 Oil DIC	ZEISS	440452-9903-000	
SDD sensors - X-Max 20mm ²	Oxford Instruments		
Glutaraldehyde solution	SIGMA-ALDRICH	G5882	
Sodium cacodylate Buffer	SIGMA-ALDRICH	97068	
Osmium tetroxide	SIGMA-ALDRICH	201030	
Na ₂ HPO ₄	SIGMA-ALDRICH	S9638	Used for preparation of phosphate buffered saline
KH ₂ PO ₄	SIGMA-ALDRICH	P9791	
NaCl	MERK	1.06404	
Kcl	SIGMA-ALDRICH	P9333	
Ethanol absolute for analysis EMSURE	MERK	1.00983	
CPD 030 Critical Point Dryer	BAL-TEC		
JSM-6610 Series Scanning Electron Microscope	JEOL		

SCD 050 Sputter Coater	BAL-TEC		
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