





### THE MAGIC OF SMART MATERIALS - FROM REACTIVE TO PROACTIVE

Smart materials can change their properties under specific Stimuli such as temperature, stress, moisture, electric and magnetic fields

#### DENTIN REPLACEMENT



- Inject ≤ 4mm bulk incremen
- Light-cure (20 sec

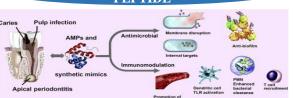




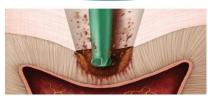
### SMART METAL **ALLOY**



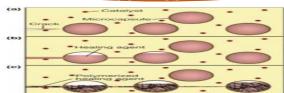
#### SMART ANTIMICROBIAL **PEPTIDE**



### **SMART BUR**



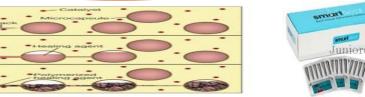
# COMPOSITE



### **SMART CERAMIC**

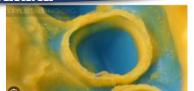


## SELF HEALING



### SMART IMPRESSION **MATERIAL**





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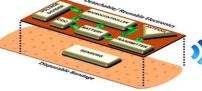
### SMART SEAL OBTURATION SYSTEM



### **SMART SUTURE MATERIAL**



### **SMART BANDAGE**











### SMART LASERS-HOLLOW CORE PHOTOIONIC FIBRES

