

# **Pyrolytic carbon, porous implants, and the fibrin adhesive system.**

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Publication Date: 1986

## **Abstract:**

The bone implant interface for Pyrolite and titanium alloy was evaluated. The effects of a fibrin adhesive system (FAS) on the interface was also compared. Fixation of the Pyrolite and porous titanium implants was observed to occur in the 4-week period of the study with minimal fibrous tissue encapsulation. The ultimate interfascial shear strength for bone-Pyrolite interface was attained at 4 weeks. No adverse effect with utilization of the FAS could be identified. Further investigation into the use of Pyrolite and the FAS in foot surgery is anticipated.