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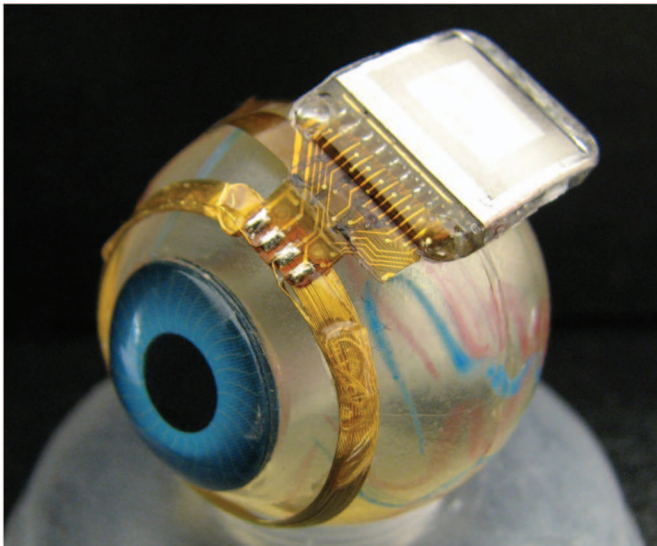
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Hermetic retinal prosthesis and associated primary power and data coils. The implant on the left is a prototype of the device in Fig. 4, shown attached to a plastic model eye. The gold power and data secondary coils are formed on a sphere to match the eye's curvature. The titanium case with welded lid, hermetic feedthrough, and epoxy header protects the internal circuitry. The electrode array is out of view over the top of the model eye. (Right) Surgical implantation of an actual hermetic prosthesis onto a minipig eye. As shown in "A Hermetic Wireless Subretinal Neurostimulator for Vision Prostheses" by Kelly *et al.*, p. 3199.