



the 1st and 4th month. However, only the decrease in the amount of scar in the interval between the first month and twelve months after surgery was statistically significant. The exact pathogenic role of epidural fibrosis in the development of SFCC has yet to be established. The CT/MRI demonstration of epidural fibrosis has been associated with an unfavorable surgical outcome and recurrence of symptoms. However, other authors do not find any relation between epidural and sciatic fibrosis, and similar findings have been reported regarding epidural scarring in symptomatic and asymptomatic patients. Our study did not show statistically significant differences in the presence or quantity of epidural fibrosis among patients with good clinical outcome and those who obtained little benefit from the intervention (Fisher's exact test,  $p=0.356$ ). Our results support the thesis that the role of epidural scarring as a cause of poor clinical outcome has been overestimated. To date, epidural fibrosis has not been shown to occur more frequently in symptomatic patients or surgical resection of the scar leads to clinical improvement.

### **Bioresorbable Interpositional Membranes**

In inter position membrane various other substances may be utilized for prevention of adhesion formation. To reduce scar formation Gelatin

Name	Manufacturer	Material	Resorbable	Solid	Easily Retrievable	Shapable	Ligament reconstruction
Preclude Spinal Membrane	GORE: Creative Technologies Worldwide	Teflon	no	yes	no	no	possibly
Oxiplex	fzioMed	carboxymethylcellulose and polyethylene oxide	yes	no	no	no	no
Septra film: Adhesion barrier	Genzyme	hyaluronate	yes	yes	no	no	No, not authorized for epidural placement
Gynecare: interceed	Johnson and Jhonson Getaway	oxidized regenerated cellulose	yes	no	no	no	no
Silastic: silicone elastomers	Dow corning	Dacron polyester backed silicone	no	yes	no	yes	yes
Tutoplast Processed Allografts	IOP inc	Allograft risk of prion disease	unknown	yes	no	yes	??
DuraGen Dural Graft Matrix	Integra	Collagen	yes	yes	no		

