

**154**

Graul E, Hurst B  
Phase II Center for Women's Health, Salt Lake City

## **PORCINE ALLOGRAFT IN THE REPAIR OF ANTERIOR AND POSTERIOR VAGINAL DEFECTS**

### **Aims of Study**

To determine the efficacy and safety of Porcine Allograft (Pelvicol) when used to repair vaginal defects in the anterior and/or posterior vaginal wall.

### **Methods**

Fifty-six consecutive patients with an anterior and/or posterior vaginal defect were followed since June 2001. Complications including erosions, expulsions, and recurrences were evaluated. Repair and placement of the graft has been previously reported. Patients were evaluated at 2 weeks, 4 weeks, and 12 weeks post-operatively. Re-evaluations were done at 6 months.

### **Results**

Patients ranged in age from 30 years to 82 years old. 37 implants were used for anterior defects. 37 implants were used for posterior defects. One patient expelled the material 9 days post-op following an anterior repair. One wound separation occurred following a posterior repair. Complete healing occurred after 6 weeks of daily estrogen cream. One patient demonstrated an erosion of a small area of Pelvicol and Ethibond suture. The suture and exposed material were trimmed and healing was complete 2 weeks later. No recurrences have been noted.

### **Conclusions**

Many materials have been used to augment the repair of anterior and posterior vaginal defects. This study suggests that Porcine Allograft is a safe and efficacious material to use in these repairs. Further study is needed to determine the appropriate candidates for this implant.