

# Bach Graft Access Retractors

Designed by Bernard Bach, Jr., MD

Long 4" tubular retractors designed to allow access to varied grafts through small incisions: the 45° and 90° retractor are designed for accessing hamstring harvesting, while the 135° retractor is designed for accessing quad or patellar tendon graft

45°  
#4693-45  
Designed for hamstring harvesting with the end of the tube being placed along the course of the medial hamstring tendon(s).



90°  
#4693-90  
Designed for patellar tendon harvesting; the retractor being positioned at the proximal or distal end of the longitudinally oriented incision. Can also be used to assist in accessing hamstrings.

135°  
#4693-135  
Designed specifically for quad tendon harvesting. The surgeon is harvesting the tendon proximal to the patella; surgical dissection proceeds from the patella proximally. The assistant's hand would be positioned proximal to the patella; the angle of this retractor positions the hand out of the surgical field.

PRODUCT NO'S:	
<b>4693-00</b>	[Set of Three]
<b>Set Includes/ Available Individually:</b>	
<b>4693-45</b>	[45°]
Overall Length: 9.375" (23,8 cm)	
Handle Length: 4.75" (12 cm)	
Hemisphere Tube Length: 3.9" (10 cm)	
Hemisphere Tube Width: .5" (1,3 cm)	
<b>4693-90</b>	[90°]
Overall Length: 7.75" (19,7 cm)	
Handle Length: 4.75" (12 cm)	
Hemisphere Tube Length: 3.9" (10 cm)	
Hemisphere Tube Width: .5" (1,3 cm)	
<b>4693-135</b>	[135°]
Overall Length: 5.625" (14,3 cm)	
Handle Length: 4.75" (12 cm)	
Hemisphere Tube Length: 3.9" (10 cm)	
Hemisphere Tube Width: .5" (1,3 cm)	



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