

FASTER & SAFER HEMOSTASIS

Standardize, simplify and minimize post procedure care and maintenance from cath lab procedures with StatSeal topical hemostatic products. The products rapidly form an occlusive seal over access sites to stop the flow of blood and exudate; the seal strengthens over time and with pressure. StatSeal products work independently of the clotting cascade to seal access sites, while **accelerating hemostasis and minimizing complications**.¹⁻⁵

THE STATSEAL SOLUTION

Comprised of a hydrophilic polymer and potassium ferrate, StatSeal Advanced Disc products are available in various shapes and sizes to suit a wide variety of clinical applications. From sheath removals after diagnostic and interventional procedures, to bleeding control after closure device deployment, integrating StatSeal products into cath lab protocols has been found to result in significant clinical, economical and operational efficiencies.¹⁻⁵

Significantly accelerates hemostasis¹⁻⁵

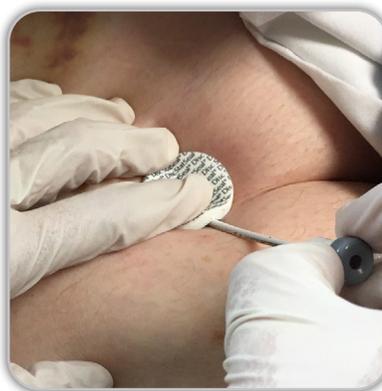
- Reduces hold times
- Works regardless of anticoagulation levels

Minimizes post procedure care¹⁻⁵

- Reduces complication rates
- Facilitates same-day discharge

Improves cath lab efficiency¹⁻⁵

- Reduces clinician burden, time and costs
- Increases patient throughput



Femoral access site with StatSeal Advanced Plus Disc



Radial access site with StatSeal Advanced RAD Disc

RECENT CLINICAL DATA

The very positive results from the ARCH Trial mirrored the results from the STAT2 Trial. These two synergistic randomized controlled trials cover two continents, four hospitals, and over 2,500 patients. As shown in the table below, the results clearly indicate significant clinical and operational benefits with StatSeal 1-hour protocols. These trials also demonstrate what happens without StatSeal use; more than 60% of cases rebleed after 1 hour and 50% still rebleed after 2 hours.^{2,3}

Protocol	ARCH Trial			STAT2 Trial	
	TR Band Alone with a 2-Hour Full Deflation Time	TR Band Alone with a 1-Hour Full Deflation Time	StatSeal + TR Band with a 1-Hour Full Deflation Time	TR Band Alone with a 1-Hour Full Deflation Time	StatSeal + TR Band with a 1-Hour Full Deflation Time
Number of Patients	703	703	708	220	223
Time to Hemostasis	166 minutes	136 minutes	72 minutes	113 minutes	66 minutes
Rebleed Rate	50.0%	62.0%	5.2%	67.3%	0.0%
Discharge Delay	16.2%	15.8%	2.0%	N/A	N/A

STATSEAL PRODUCTS FOR CATH LAB PROCEDURES

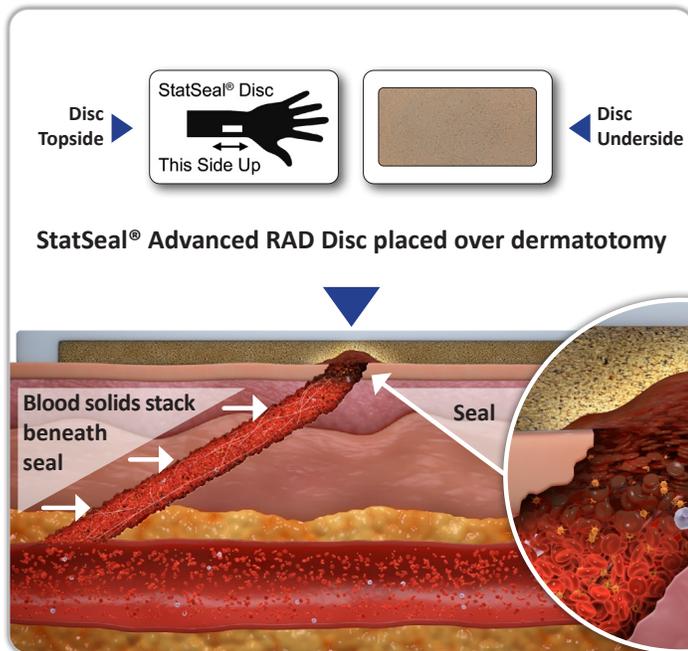
Radial

StatSeal Advanced RAD Disc, in conjunction with manual pressure or any radial hemostasis band, can help standardize, simplify and shorten the recovery process to under an hour, while minimizing complications.²⁻⁵



Femoral

As an adjunct to manual pressure, **StatSeal Advanced Plus Disc** helps control external bleeding from sheath removals and oozing after closure device deployment, while minimizing hematoma risk.¹



HOW DOES IT WORK?

StatSeal products are comprised of a hydrophilic polymer and potassium ferrate. As a manual pressure adjunct, StatSeal products have a two-step mechanism of action that occurs simultaneously to instantly form a low pH occlusive seal or physical barrier over the wound site, letting nothing in or out.

- The hydrophilic polymer rapidly dehydrates the blood and absorbs exudate, stacking up desiccated blood solids beneath to form a seal.
- The potassium ferrate binds the blood solids and proteins together, adhering the seal to the wound to stop bleeding and oozing. Beneath the seal, the pH is neutral and blood solids and proteins continue to stack naturally. Above the seal the hydrophilic polymer acts as a desiccant and creates an acidic environment with a pH of ~ 2. The distal tract seal helps promote stasis at the arteriotomy.⁶

References: [1] Peralta R, Sharma A, Srinivasan N, et al. Stat Seal Groin Closure After AF Ablation to Allow Rapid Same Day Discharge. AF Healthcare Pioneer Report. Jun 2023: 19-20. [2] Proscia C, Kemp I, Barton J, et al. A randomised control trial to compare conventional and haemostatic dressings in radial arterial access: Assessment of Radial Artery Complications Whilst Achieving Rapid Haemostasis (ARCH Trial). Int J Cardiol. 2025 Feb 1;420:132740. [3] Safirstein JG, Tehrani DM, Schussler JM, et al. Radial Hemostasis Is Facilitated With a Potassium Ferrate Hemostatic Patch: The STAT2 Trial. JACC Cardiovasc Interv. 2022 Apr 25;15(8):810-819. [4] Galusko V, Protty M, Bharucha A, et al. TCT-781 The Quest for a Radial Lounge: StatSeal Reduces Transradial Coronary Angiography Turn-Around Time and Cost. JACC Suppl B. 2019; 24(13) B765. [5] Khuddus M, Massaro J, Klass D, et al. TCT-792 Meta-Analysis of Radial Hemostasis Trials Using Patent Hemostasis and a Potassium Ferrate Hemostatic Disc. JACC Suppl B. 2019; 24(13)B776. [6] Biolife, LLC, 510(k) K080210, Section 18.3.