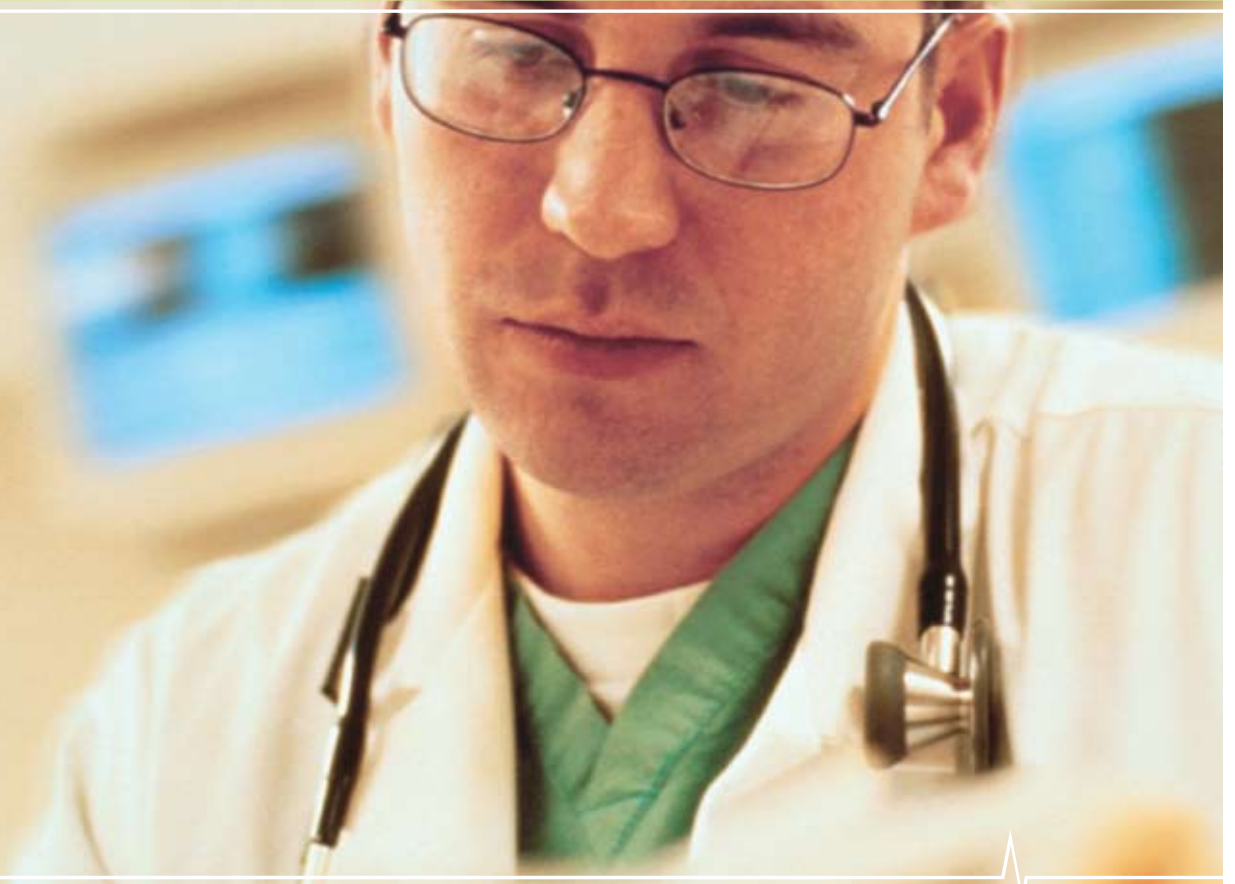


TRAKnet™
from BioMedix



Provide better care and boost business performance.

Diagnostic Lab Management and Accreditation

Therapeutic Outcomes Tracking and Reporting



10%

FEW VASCULAR SERVICES ARE IN NATIONAL DATABASES



50%

ONLY HALF OF VASCULAR LABS ARE ACCREDITED



100%

TRAKNET PROVIDES A COMPLETE SOLUTION

Standardized reporting, vascular lab accreditation, and procedural data tracking support the delivery of quality care and provide beneficial outcomes for patients and health care professionals; TRAKnet helps you achieve reduced complications, shorter stays, early detection, and pay-for-performance incentives.



SUPPORTING A CONTINUUM OF VASCULAR CARE

Vascular disease kills or disfigures more than 850,000 Americans each year. Often, these catastrophic events could be avoided through revascularization, drug therapy and lifestyle changes. The missing piece has been an integrated solution that starts with early diagnosis and treatment of vascular disease. BioMedix solves this problem with solutions that facilitate the transfer of relevant clinical and financial data between physicians, vascular labs, vascular specialists and health care administrators.

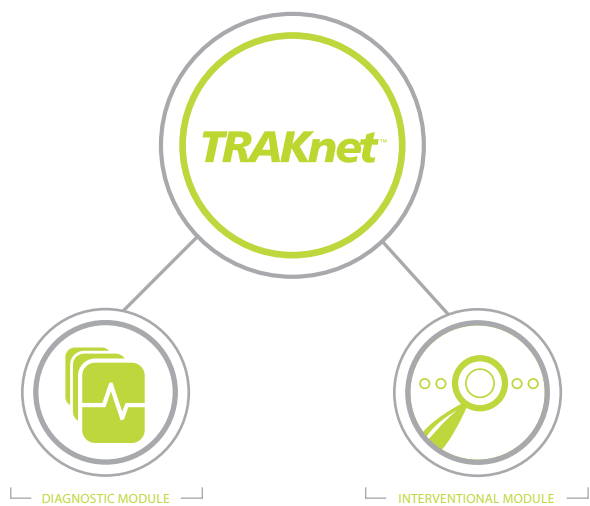
TRAKnet™

An integrated software solution for **better care** and **better business performance**.

TRAKnet is a powerful management tool that has supported diagnostic and interventional services related to vascular disease for more than a decade. TRAKnet seamlessly links primary physicians, vascular labs and specialists, providing them with data integration, reporting, and process efficiencies to deliver better care, while offering administrators and executives, the tools needed to better manage the business issues that surround these services.

TRAKnet PROVIDES

- >> Clinical decision support
- >> Quality indicator tracking
- >> Process improvements
- >> Faster, more accurate accreditation
- >> Electronic file sharing and image links
- >> PQRI compliance reporting





TRAKnet DIAGNOSTIC MODULE



Improve vascular lab efficiency and connectivity

Whether you are a vascular sonographer, a lab manager, or a physician member of an ultrasound lab team, you need IT solutions that streamline workflow and transcend the basic needs of report generation and accreditation. You also expect a solution tailored to your workflow and connectivity needs. TRAKnet meets the needs of all users, whether they are in single, multi-user, networked, or integrated workstations. We have proven experience in Hospital Information Systems (HIS), Electronic Health Records (EHR), and Picture Archive Communication Systems (PACS) technology integration. We know that no matter how good a database is, it is critical that your solution integrates with existing devices and systems architecture—and TRAKnet does.

- >> Standardized reporting standardizes the reporting process
- >> Remote read allows easy access for physicians to interpret studies
- >> Structured reporting streamlines report creation and builds accurate databases
- >> ICAVL accreditation interface eliminates repetitive tasks and ensures accuracy
- >> Image and data retrieval from your ultrasound machine* saves minutes per study
- >> Inbound/outbound HL7 messaging saves time and improves accuracy
- >> Link library lets you view images while completing reports
- >> Work list patient scheduling ensures you are ready every day
- >> PDF reports are easy to create, print, and fax, or send to the HIS
- >> Send a DICOM image of the report to the PACS
- >> Standard Query Language (SQL) provides security, and flexibility for future growth

LAB STUDY REPORT

Insert your custom office address, accreditation, and practice logo

YOUR LAB'S LOGO HERE

Export data measurements directly to EHR**

Access automated interpretations with user-definable criteria or a user-defined library of statements

Seamless integration with PADnet

Show specific disease location with customized drawings

Right Carotid	Left Carotid
155.0 / 24.0	122.0 / 25.0
190.0 / 15.0	251.0 / 12.0
154.0 / 51.0	25.0
190.0 / 50.0	190.0 / 50.0
120.0 / 50.0	152.0 / 22.0
122.0 / 15.0	122.0 / 15.0
	122.0 / 25.0

50%

TRAKnet MAIN MENU

Choose from 12 standard vascular study types

Choose from 68 customizable reports

Minimize monthly QA reporting for ICAVL

TRAKnet DIAGNOSTIC MODULE

- Cerebrovascular Duplex
 - Transcranial Doppler
 - Peripheral Arterial Testing
 - Peripheral Venous Testing
 - Aorto-Iliac Duplex
 - Visceral Arterial Duplex
 - Abdominal venous Duplex
 - Transplant Duplex
 - Bypass Graft Duplex
 - Dialysis Access Duplex
 - Extremity Arterial Duplex
 - Treadmill Exercise Test
- Patients
- Appointments
- Billing
- Referring Physicians
- Insurance Carriers
- Confirmation Studies
- Correlation Analysis
- Productivity
- Accreditation
- Patency
- Other Studies
- Review/Edit Studies

** Applies to most imagers

**With the purchase of HL-7 out-bound messaging. Call for list of companies with which TRAKnet works.



Optimize peripheral vascular interventional practices

Whether you are part of the peripheral vascular interventional team, a service line manager, or a senior executive in charge of quality, access to relevant and timely metrics for your interventional practice is important. In this area of evolving practice, there are no absolutes in clinical decision making—to make things easier, TRAKnet gives you powerful query capabilities that give answers to tough questions, such as “which treatment yields the best clinical and economic outcome?” Or “what percentage of patients are we tracking post procedure?”

- >> Track key 30 day complication data (TIA, stroke, death) and many others used to streamline M&M conferences (see below)
- >> Track procedural volumes by physician, facility and type to determine trends
- >> Determine profitability by type of procedures with advanced billing support
- >> Assess patient satisfaction with four different patient questionnaires (including SF-36)
- >> Generate accurate codes in real time (procedural and diagnostic) to improve accuracy and collections
- >> Capture operative notes in real time to improve accuracy and save time
- >> Create referral letters that improve communications
- >> Track PQRI measures that can generate up to a 1.5% bonus opportunity from Medicare²

Sampling of Morbidity & Mortality Criteria Tracked

- >> Unplanned return to OR
- >> Other complications or deficiencies
- >> Hospital acquired infection
- >> Surgical wound infection
- >> Inpatient mortality
- >> Transfer from general to critical care
- >> Perioperative mortality
- >> Perioperative MI
- >> Unplanned readmission within 30 days
- >> Unplanned admission following ambulatory surgery within 30 days
- >> Unplanned return to critical care
- >> Injury to normal body part
- >> Graft thrombosis
- >> Greater than one endograft used in procedure

TRACK QUALITY, EARN P4P BONUSES, AND SURVEIL PATIENTS

CLINICAL

Complication Rate by Physician, Procedure Type	Period:	10/1/2008 - 9/30/2009		
Physician / Complication	#Patients	#Complications	Incidence	Rate (%)
Lower Extremity (All Sites)				
Lower Extremity (Interventions)	188	2	1.06%	1.06%
Lower Extremity (non-interventions)	2	2	1.00%	1.00%
Lower Extremity (Endovascular)				
Distal	45	1	2.22%	2.22%
Distal	1	1	100%	100%
Upper Extremity (Interventions)				
Physicians/Interventions	10	1	10.00%	10.00%
Upper Extremity (Endovascular)				
Physicians/Endovascular	3	1	33.33%	33.33%
Vascular (Endovascular)				
Distal	18	1	5.56%	5.56%

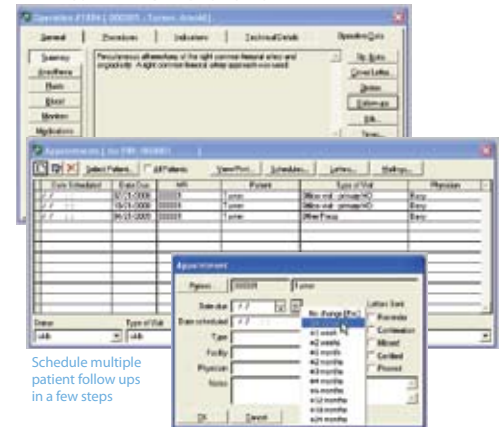
Tracks clinical outcomes to streamline M&M conferences

PQRI

PQRI Summary by Primary Physician									
Measure	QIP Code	#Patients	QIP	Met	Not Met	Met/Total	Met/Total	PQRI %	QIP %
Measure 21: Postoperative Care: Selection of Postoperative Antibiotic - First 24 Hours (Standardized)									
QIP Code	#Patients	QIP	Met	Not Met	Met/Total	Met/Total	PQRI %	QIP %	
0000	10	0	0	10	0/10	0/10	0%	0%	
Measure 22: Postoperative Care: Distribution of Postoperative Antibiotic (Over 24 Hours)									
QIP Code	#Patients	QIP	Met	Not Met	Met/Total	Met/Total	PQRI %	QIP %	
0000	10	0	0	10	0/10	0/10	0%	0%	
Measure 23: Postoperative Care: Stroke Prevention (After Endovascular AHA)									
QIP Code	#Patients	QIP	Met	Not Met	Met/Total	Met/Total	PQRI %	QIP %	
0000	10	0	0	10	0/10	0/10	0%	0%	

Enables PQRI compliance for reimbursement

PATIENT SURVEILLANCE AND FOLLOW-UP



Schedule multiple patient follow ups in a few steps

²CMS (Medicare) launched the PQRI Quality Reporting Initiative in July, 2007. Reporting on a designated set of quality measures was for services provided between July 1, 2007 and December 31, 2007. Initial claims were due by February 28, 2008. Physicians will receive their lump sum payments.



TRAKnet creates a standard, integrated solution that delivers optimal patient and business outcomes—for everyone.



VASCULAR LABORATORIES

Vascular labs face increasing pressure to keep cost down, while showing gains in procedural volumes and quality. Finding time to devote to real management tasks is hard when you have so much paperwork.

For sonographers, TRAKnet makes the job of creating study reports nearly effortless. For lab managers, TRAKnet improves efficiency while reporting on key metrics that are used in mandatory quality assurance (QA) conferences.

- >> An intuitive interface makes it easy to select a study type or common administrative function
- >> The DICOM package automatically transfers study data into TRAKnet, saving time and improving accuracy
- >> Create links to study images to facilitate complete review by interpreters
- >> ICAVL accreditation e-application is auto-filled on demand, saving time and reducing errors
- >> Save time with the modality worklist which shows studies to be performed daily, using an HL7 (Health Level Seven) interface
- >> Convenient Web-based training and phone support enhance product knowledge (toll free, 8-5 CST M-F)



VASCULAR SPECIALISTS

Rising malpractice premiums and declining physician fee schedules put undue pressures on vascular specialists to improve performance.

TRAKnet provides a powerful way to analyze information and improve operations. Reports showing correlation and patency pinpoint opportunities to improve quality, while other reports show performance against key metrics like 30-day complication rate and tools for better communication with referral physicians—the lifeblood of interventional practices.

- >> Speed up interpretations by viewing and modifying comprehensive Ultrasound study reports on your network
- >> Surgical and endovascular procedures registry can be used for credentialing, benchmarking and clinical study development
- >> Queries by device or technique assesses effects on outcomes for similar procedures
- >> Profitability by procedure data assesses which procedures contribute most to practice revenues
- >> Surveil patients with convenient scheduling tools
- >> Utilize referral letters for better communication with referral physicians



HEALTH SYSTEM LEADERS

Health system leaders are under pressure to show value to stakeholders. Pioneers, like the Cleveland Clinic Foundation, are leading the way with published data on 30-day vascular surgery complications and other relevant metrics.

TRAKnet lays the foundation for your organization to benchmark by procedure and clinician within your facility or system and make informed decisions about quality of care. Key metrics include staff contributions to profitability, comparative quality data, and patient satisfaction.

- >> Clinical performance data by physician, procedure and device or technique is useful for comparison to facility and regional or emerging national practice norms
- >> Show how your hospital exceeds standards and what influence that has on patient choice
- >> Link the non-invasive vascular lab with the OR to increase operational efficiencies
- >> Improve clinical decision making regarding use and purchase of medical devices with device-specific reports on outcomes

FOR IT PROFESSIONALS:

TRAKnet supports existing standards for seamless systems integration

Healthcare information technology professionals have an important role to play in evaluating whether or not clinical informatics solutions provide necessary scalability, interoperability, and uninterrupted workflow. BioMedix is committed to make TRAKnet work in the most demanding environments.



- >> **SQL database** (standard query language), supports HIPAA and patient security issues
- >> **HL7** (Health Level Seven) interface transmits clinical and administrative data between TRAKnet and the facility EMR systems
- >> **DICOM Print interface** allows automatic transmission of preliminary or final reports directly to a PACS system via networks and IP addresses.
- >> **Structured reporting (DICOM SR)** enables import of velocity and measurement data from Duplex Imaging systems directly into TRAKnet.

Schedule a TRAKnet demo today and see what it can do for your practice.

1.877.854.0014





BioMedix

VASCULAR SOLUTIONS

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