

Quinton Q-Tel

QUINTON

your heart company



Discount

CARDIOLOGY

www.discountcardiology.com

Product Description

N 8 Channel Enhanced

N 8 Channels of Telemetry with Arrhythmia detection and Session, Monthly, Program and Compliance Reports

N 8 Channel Basic

N 8 Channels of Telemetry with Arrhythmia detection

N 4 Channel Enhanced

N 4 Channels of Telemetry with Arrhythmia detection and Session, Monthly, Program and Compliance Reports

N 4 Channel Basic

N 4 Channels of Telemetry with Arrhythmia detection



Q-Tel Software

- N **2 Hour full disclosure**
- N **Arrythmia detection**
- N **High quality - time tested ECG filters**
- N **Electronically stores over 1000 patients including ECG strips**
- N **Keeps track of exercise prescription and exercise response**
- N **Easy to use**
- N **Reports include:**
 - N **Session Report**
 - N **Monthly Report**
 - N **Program Report**
 - N **Compliance Report**

Arrhythmia Detection

N The Q-Tel has arrhythmia detection which includes:

- N V Tach
- N Ventricular Fib
- N Asystole
- N High HR
- N Low HR
- N PVC
- N High PVC (PVC's per minute)
- N Ventricular Run (8 or more PVC's at a HR rate of 150)
- N Ventricular Rhythm (sequence of 4 or more PVC's at a rate of 100 or less)
- N Couplet
- N Triplet
- N Salvo
- N Bigeminy
- N Trigeminy
- N Supraventricular Tach



Arrhythmia Detection

N Alarm Limits

- N Non life threatening alarms that may be customized for individual patient needs**

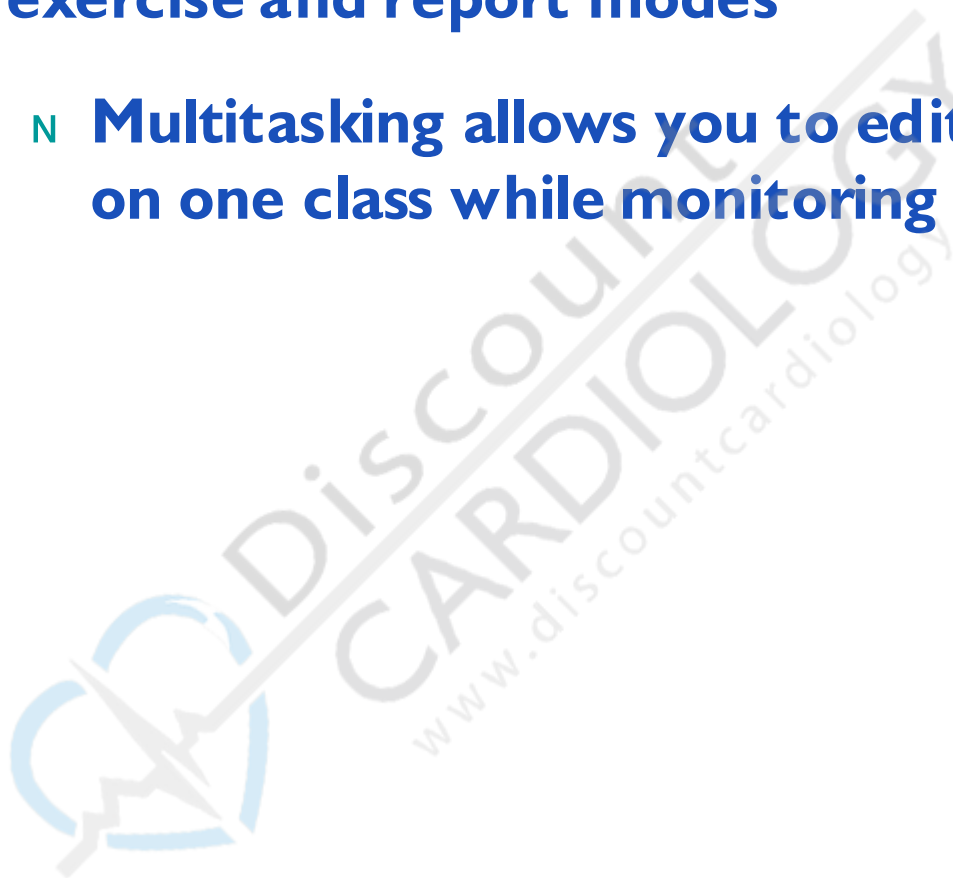


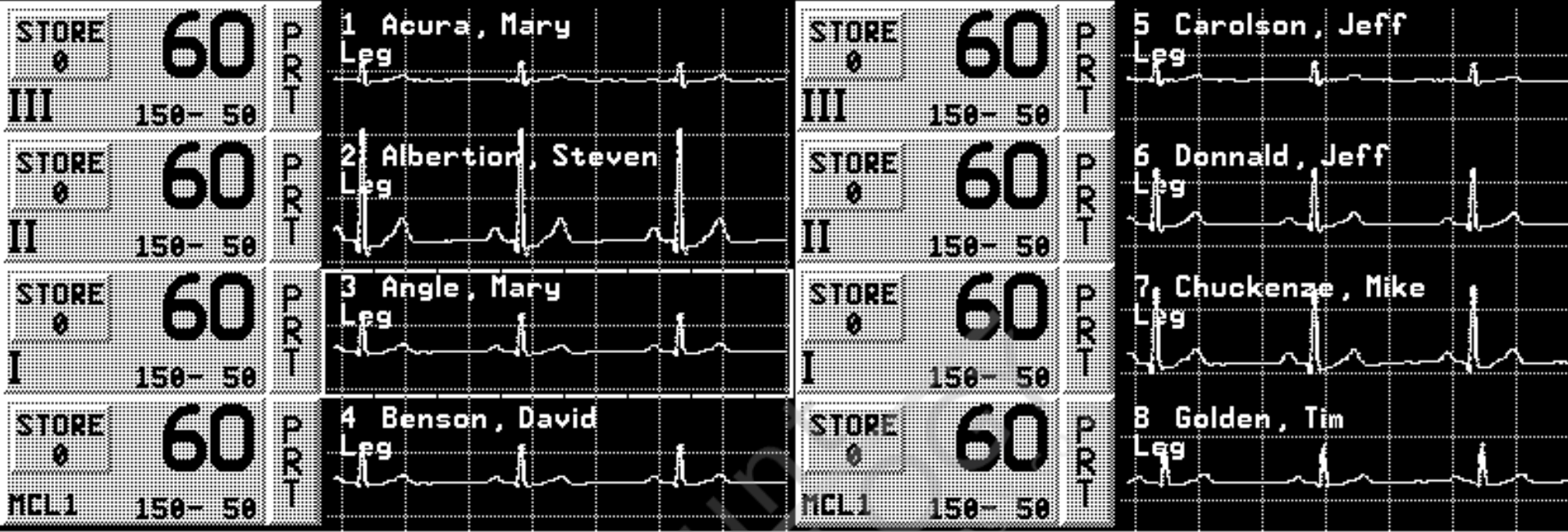
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Ease of Use

- N Navigate easily between the admit patient, exercise and report modes**
- N Multitasking allows you to edit and print reports on one class while monitoring another**





Name	Session
Acura, Mary	4
Albertion, Steven	3
Angle, Mary	1
Benson, David	1
Burien, David	1
Carolson, Jeff	1
Chuckenze, Mike	1
Donald, Jeff	1
Emali, Temy	1
Golden, Tim	1

Pg Up
 ↑
 ↓
 Pg Dn
 Refresh

Existing Patient

Accept Discharge
 Delete Transfer
 New Patient
 Patient Config
 Standby OFF
 Re-Learn
 Clear Exit



ECG Filters

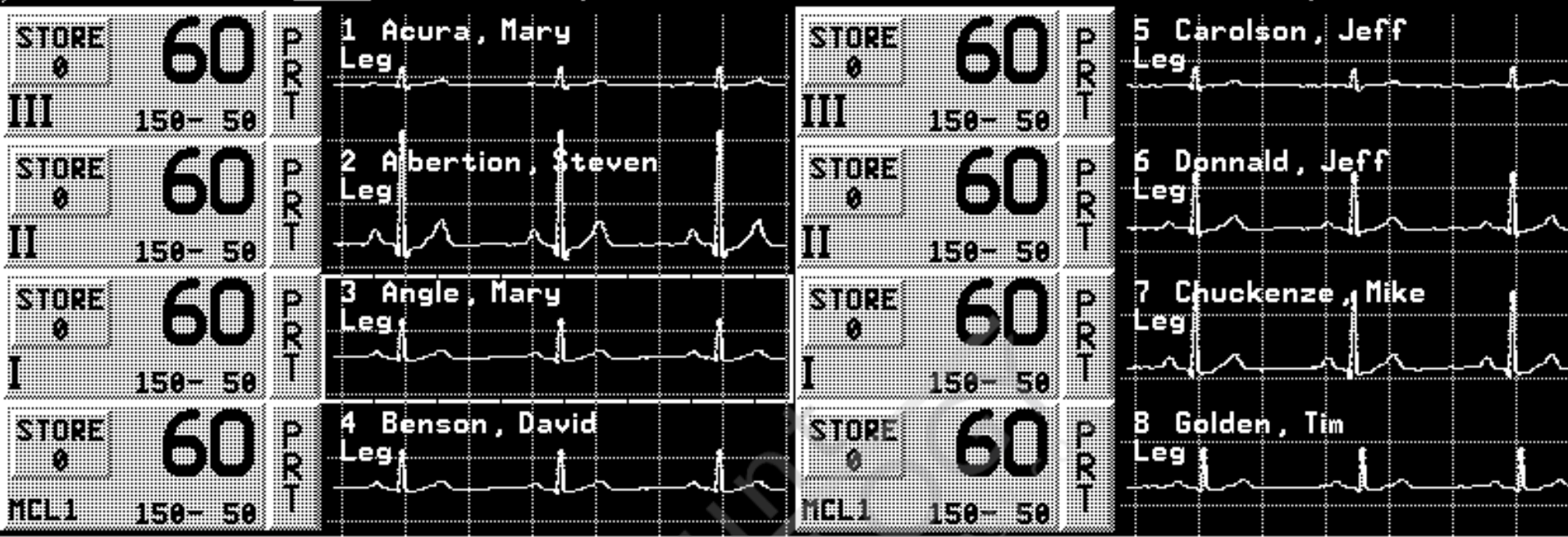
- N The ECG tracing on the Q-Tel is a clean signal because of the advanced filtering software**
 - N This filter reduces noise due to muscle artifact and baseline wander**
 - N This same patented digital filter is used in Quinton's stress test systems, modified slightly for Cardiac Rehab**



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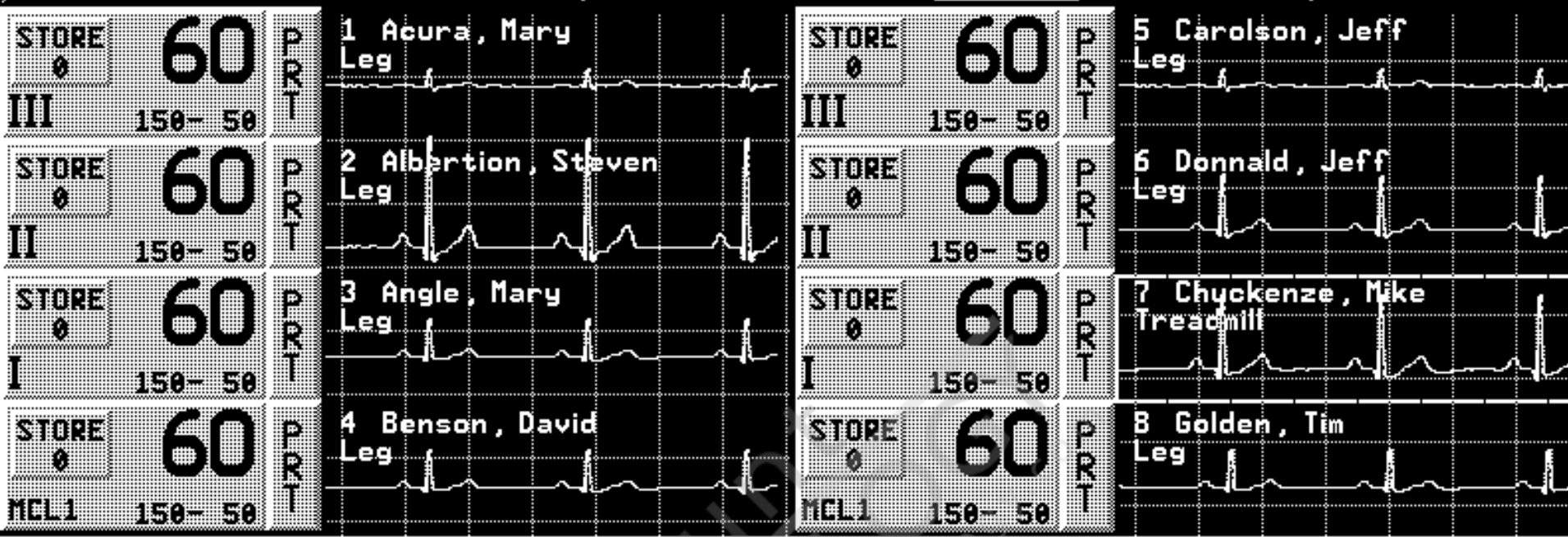
2 Hour Full Disclosure

- N **Displays 2 hours of ECG information that provides a way to catch and document abnormal rhythms while you are on the floor with your patients:**
 - N **Zoom** displays waveform data in user selectable intervals of 7 seconds, 2.5 minutes or 10 minutes
 - N **Skip To** lets the user select the time frame to display
 - N **Next Alarm** displays the next indicated alarm incident
 - N **List** displays a list of alarms which can be selected and viewed instantly
 - N **Search** lists the strips saved for the final report which can be viewed instantly
 - N **Edit** allows strips to be added or deleted from the final report



Exercise Information

- N **Q-Tel stores the following for every session:**
 - N **exercise modalities**
 - N **time spent on each exercise, including timers**
 - N **RPE - rate of perceived exertion**
 - N **Workload**
 - N **Heart Rate**
 - N **Blood pressure**
 - N **METS**
 - N **% THR - target heart rate**



Chuckenze, Mike

Activity	Time	RPE	Workload	HR	METS	BP	Status
Arms	3:	8	10 lbs	80		120/80	Done
Recumb	5:	8	50 Watts	95	4.2	125/85	Done
Leg	6:	11	50 lbs	100		140/75	Done
Treadmill	5:	11	2% 2 MPH	90	3.1	125/85	Curr
Cooldown	4:						Pend

Session

↑ **1** ↓

↑ Comments ↓

REC Calc

Resting Data

Copy Exit

↑
↓
Del

www.a...out.ca

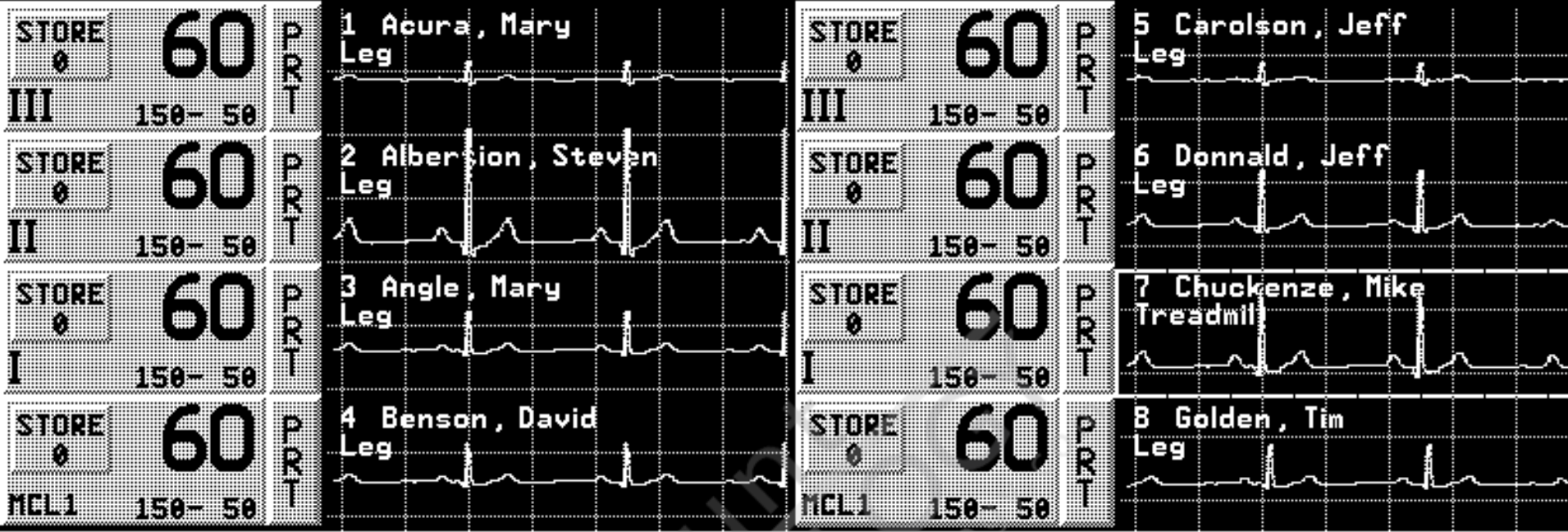


Calculations

- N **The Q-Tel performs the following calculations:**
 - N **METs, KiloCalories and VO₂**
 - N **This saves time by not using METs charts**
 - N **Q-Tel uses only formulas approved by the ACSM**

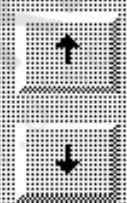


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CALCULATIONS
 Chuckenze, Mike

- Target Heart Rate (range)
- Target Heart Rate (calc)
- METS Treadmill, no grade
- METS Treadmill, with grade**
- METS Bike (kpm)
- METS Bike (watts)
- METS Arm Ergometer
- METS AirDyne



METS Treadmill, with grade

Speed mph

% Grade

Running (Y, N)

3.1
 METS

10.8
 UO₂ ml/kg*min

Exit

Digital Telemetry

- N **Q-Tel employs digital RF transmission**
 - N **Digital RF provides a cleaner signal than analog RF**
 - N **Digital RF allows for user programmable transmitters (174-216 MHz), while analog RF systems have to be changed at the factory**
- N **New Smart Receiver with Antenna Diversity**
 - N **Each channel receive 2 antenna inputs and selects the strongest signal to process, providing the best ECG tracing possible**

Reports

N Q-Tel has the following reports:

- N **Session Report:** Reports on the resting, exercise and cooldown for a specific daily session
- N **Monthly Report:** Displays trending information for a monthly period
- N **Program Report:** Displays trending information for a patients entire rehab program
- N **Compliance Report:** Shows all patients who are entered into the Q-Tel including the number of scheduled visits as well as the number of attended visits and percent compliance
- N **The Session, Monthly and Program reports can be printed with or without ECG strips**
- N **Customize the headers in the reports to fit you patient population**