

ACCELERATE
commitment | value | execution

PATTERSON
MEDICAL

Jamar Smart Hand Dynamometer



Why Jamar Smart?

- Brand development
- Innovative
- Modern technology
- Quicker and Easier

Jamar Hand Dynamometer History

1954: **JAMAR**[®]
a Patterson Brand

2008: **JAMAR**[®]
PLUS+
a Patterson Brand

2015: **JAMAR**[®]
smart
a Patterson Brand



Conduct grip strength evaluations from your tablet!

Precision Grip Strength Testing

- Introducing the first electronic hand dynamometer that works seamlessly and wirelessly with a mobile app.
- Download the Jamar[®] Smart app, and you'll be able to control your Jamar[®] Smart Hand Dynamometer from your tablet.
- The app is designed to expedite and enhance patient evaluations allowing results to be quickly repeated edited and saved.

Free App

- **The free app includes the standard hand grip test and features**
- Ability to set number of reps from 1 to 5
- Determine hand(s) to test and which one to start with
- Record the grip position on the Jamar
- Easily accept or redo any trial
- Calculates average, standard deviation and coefficient of variation
- Compares results to norms based on patient's gender and age



Standard Hand Grip Test


Name ID Andy Jones

2 Oct 2015 11:56 Male 36 Recent

Age

Test	Time (Secs)	Grip
Standard	N/A	2
Left - Right	3	

Test Hand Start Hand Reps



Current Test Results

Tap to Change any Value

Left-lb	Right-lb
52.1	71.2
83.7	76.3
100.1	78.7

Accept all & Save

Reject all & Delete

	Norm Grip =2	Left
Max		100.1
Avg	112.9	78.6
Min		52.1
Std Dev	21.7	19.9
Coef Var	0.2	0.3

	Norm Grip =2	Right
Max		78.7
Avg	119.7	75.4
Min		71.2
Std Dev	24.0	3.1
Coef Var	0.2	0.0

Stored Results



Full Feature App

- **For £25.99 (\$34.99), download the fully-featured app:**
- Optional patient name and/or ID, gender and age storage
- Saves test history and quickly create a new test with the same parameters
- Additional tests: Rapid Exchange, 5 Position Grip and Sustained Grip
- Results for 5-Position and Sustained Grip also display as a real-time graph for easier interpretation of results
- Export results as a PDF
- Can be emailed



Rapid Exchange Hand Grip Test

2 Oct 2015 2015,12:0... Male 20

Age Recent

Test **Rapid Exchange** Time (Secs) **3.0** Grip **5**

Test Hand **Left - Right** Start Hand **Left** Reps **5**



Current Test Results

Tap to Remove any Value

Left-kg	Right-kg
0.0	

Accept all
& Save

Reject all
& Delete

	Norm Grip...	Left
Max		0.0
Avg	47.4	0.0
Min		0.0
Std Dev	9.9	0.0
Coef Var	0.1	0.0

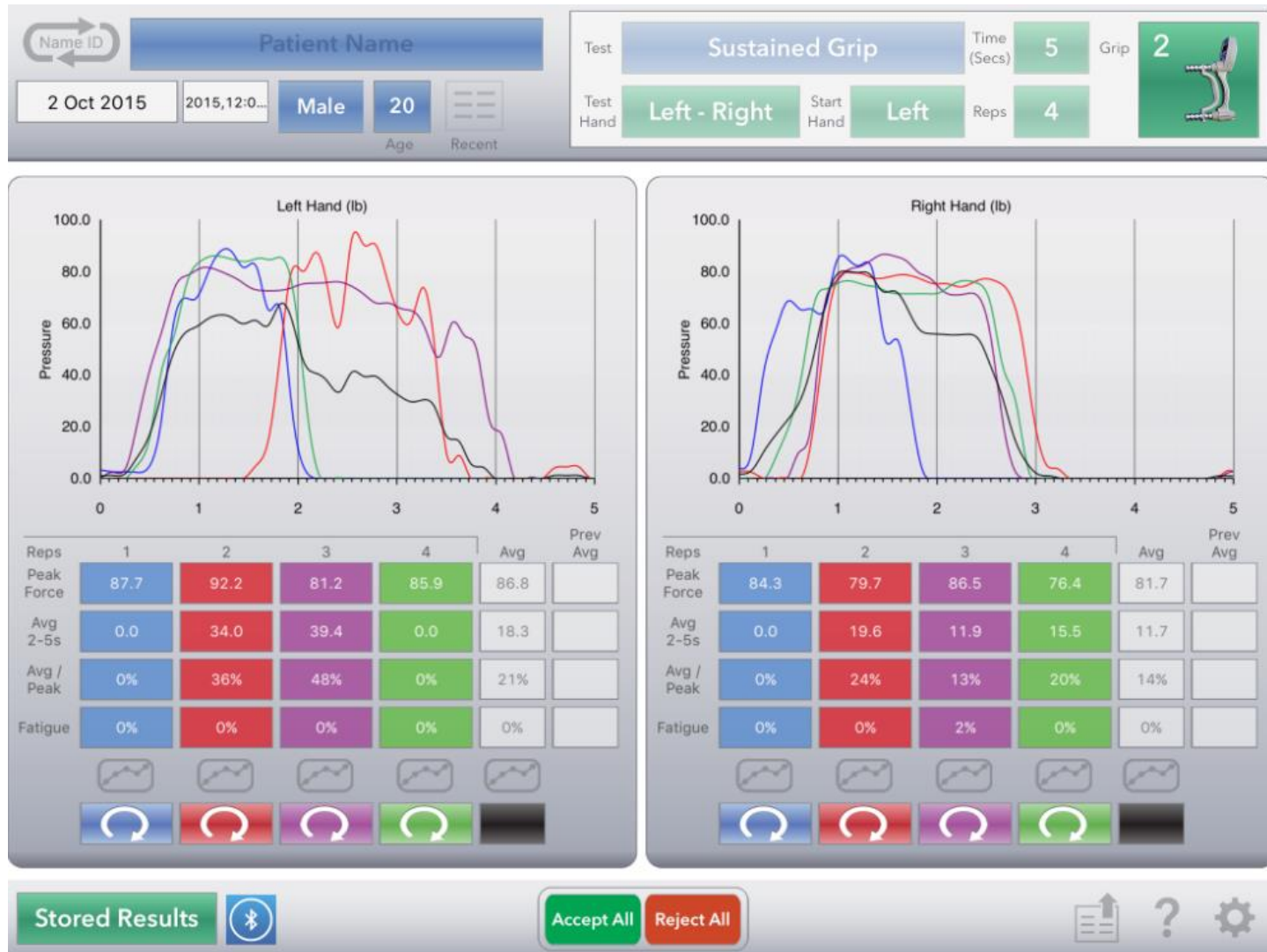
	Norm Grip...	Right
Max		0.0
Avg	54.9	0.0
Min		0.0
Std Dev	9.3	0.0
Coef Var	0.1	0.0

Stored Results



Sustained Hand Grip Test

Instant Results motivate patients by showing their progress.




5 Position Hand Grip Test

Name ID

2 Oct 2015 2015,12:1... Male 20 Age Recent

Test **5 Position Grip** Time (Secs) N/A Grip 2

Test Hand **Left - Right** Start Hand **Left** Reps 5



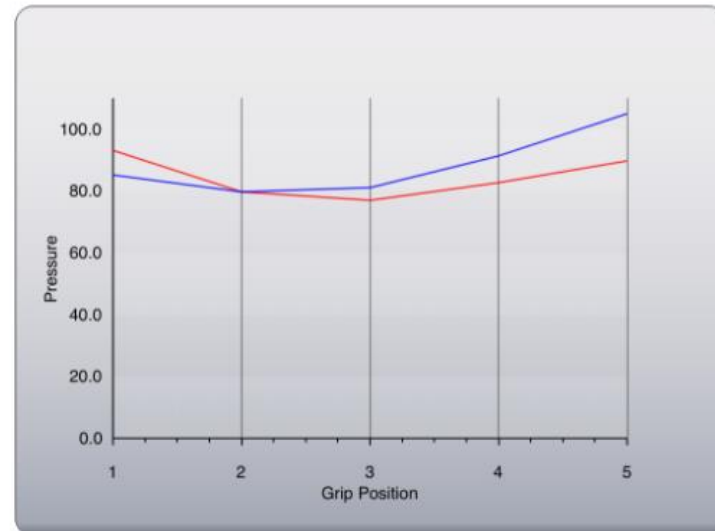
Current Test Results

Tap to Change any Value

Left-lb	Grip	Right-lb
93.3	1	85.3
79.8	2	79.8
77.1	3	81.2
82.7	4	91.4
89.9	5	105.2

Accept all
& Save

Reject all
& Delete



Stored Results

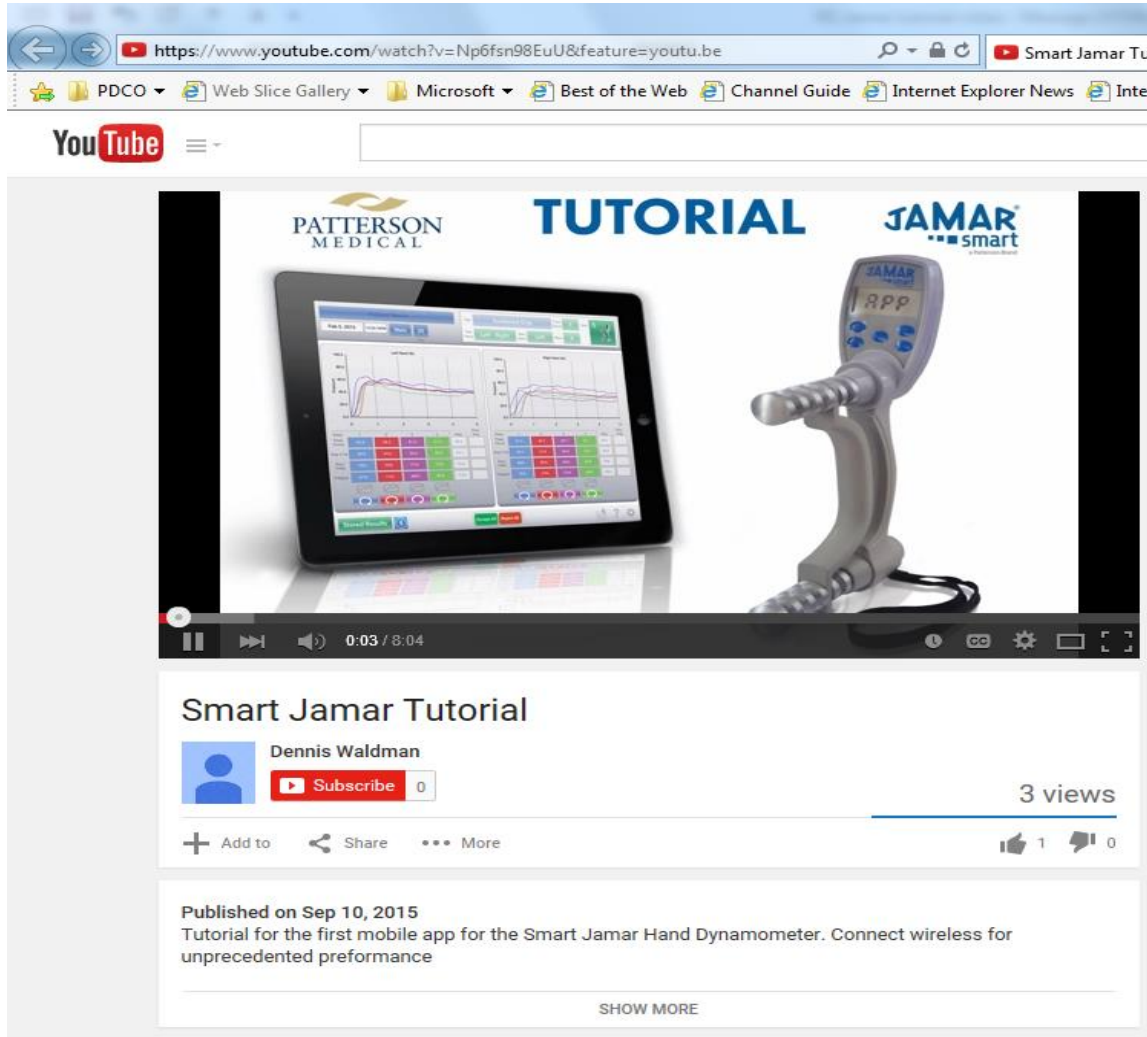


Summary

- Automatic graphing for quicker and easier analysis of results.
- Simple, intuitive interface speeds up testing.
- Instant Results motivate patients by showing their progress.
- Save patient data including test results.



Support Materials



https://www.youtube.com/watch?v=Np6fsn98EuU&feature=youtu.be

Smart Jamar Tu

PDCO Web Slice Gallery Microsoft Best of the Web Channel Guide Internet Explorer News Inter

YouTube

PATTERSON MEDICAL TUTORIAL JAMAR smart

0:03 / 8:04

Smart Jamar Tutorial

Dennis Waldman 0

3 views

+ Add to Share More 1 0

Published on Sep 10, 2015
Tutorial for the first mobile app for the Smart Jamar Hand Dynamometer. Connect wireless for unprecedented performance

SHOW MORE

Jamar Tutorial
link below:

<https://pattersonmedical.wistia.com/medias/3ux3hwy1kd>

Support Materials

JAMAR®
smart

Precision Grip Strength Testing
has never been so easy!

Introducing the first electronic hand dynamometer that works seamlessly and wirelessly with a tablet app.

Download the Jamar® Smart app, and you'll be able to control your Jamar® Smart Hand Dynamometer from your tablet. The app is designed to expedite and enhance patient evaluations allowing results to be quickly repeated edited and saved.



Conduct Grip Strength Evaluations From Your Tablet!



Simple, intuitive interface speeds up testing.

Automatic graphing for quicker and easier analysis of results.

JAMAR®
smart

The free app includes the standard hand grip test, features

- Ability to set number of reps from 1 to 5
- Determine hand(s) to test and which one to train with
- Record the grip position on the Jamar
- Easily accept or redo any trial
- Calculates average, standard deviation and coefficient of variation
- Compares results to norms based on patient's gender and age

For a nominal fee, download the fully-featured app, includes

- Optional patient name and/or ID, gender and age storage
- Save test history and quickly create a new test with the same parameters
- Additional tests: Rapid Exchange, 5-Position Grip and Sustained Grip
- Results for 5-Position and Sustained Grip also display as a real-time graph for easier interpretation of results
- Export results as a PDF



Choose from the Standard Test, 5-Position Test, Rapid Exchange Test and Sustained Grip Test.

Save patient data including test results.

Instant Results motivate patients by showing their progress.

For both the Jamar Smart and Jamar Plus+ we've replaced the hydraulic system found in other dynamometers with a circuit board and electronic load sensors. This technological advancement gives you a more accurate tool to measure hand strength in clients with hand trauma and dysfunction. We also increased the durability of the dynamometer by eliminating all internal moving parts, and encasing the electronics in a sturdy aluminium body with a scratch-resistant UV coating. The readout displays isometric grip force from 0-90kg (200 lbs).

Requires two AAA batteries (included). Comes in a reusable storage container. One year warranty.

09 155 6034 **Jamar® Smart Hand Dynamometer**
Works with or without a tablet

09 117 9458 **Jamar® Plus+ Digital Hand Dynamometer**
Does not work with a tablet



Patterson Medical Ltd,
Nunn Brook Road,
Hutwell, Sutton-in-Ashfield,
Nottinghamshire, NG17 2HU.

UK Customer Services
Tel: 03448 730 036
medical_sales@pattersonmedical.com
www.pattersonmedical.co.uk

International Customer Services
Tel: +44 (0) 1603 483 707
international@pattersonmedical.com
www.pattersonmedical.co.uk

**PATTERSON
MEDICAL**



Jamar[®] Plus+ Digital Goniometer

- More accurate than a standard plastic goniometer.
- Instant digital read-out to a tenth of a degree.
- “Zero” button allows you to zero the goniometer. Start your measurement from any position and get an accurate measurement without needing to subtract the beginning value.
- Display numbers can be flipped with the press of a button, so you don’t have to read upside-down measurements.
- “Hold” button freezes display for easier recording of results.
- Auto shut-off for longer battery life.
- Available in an 8” and 12.5” versions.
- **091555895 Jamar Plus+ Digital Goniometer 8”**
- **091555903 Jamar Plus+ Digital Goniometer 12”**



Available NOW!