



## Rappahannock Foot & Ankle Runners'+ Resource

Some useful resources graciously provided at a recent seminars by Sports Medicine Doctor and running enthusiast: Mark Cucuzzella, MD, FAAFP; Professor, Family Medicine, West Virginia University; Lt Col, US Air Force Reserves; Chief Medical Consultant, Air Force Marathon. I've incorporated other useful resources.

1. Dr Cucuzzella's new book **Run For Your Life** covers all the topics .The book website under resources has dozens of teaching videos <http://runforyourlifebook.com/>

2. Website for healthy running - [www.naturalrunningcenter.com](http://www.naturalrunningcenter.com). go to "Dr. Marks Desk" link for posts on nutrition, training, local stuff, and the joy of running. Watch "Principles of Natural Running" with over 1 million views

3. All of Dr. **Phil Maffetone's** books are gold (Training for Endurance, Big Book Health and Wellness, Big Book of Endurance Training and Racing). [www.philmaffetone.com](http://www.philmaffetone.com)

4. Spend some time on "RunRx" on <http://naturalrunningcenter.com/> . The button is along the upper menu – drop down links with Chapters. Lots of drills with run form stuff, endurance, strength, glutes, etc. Much of it in video. The "**Fun Drills**" tab has the dynamics (lunge matrix, sumo, world's greatest stretch) The "Healthy Fuel" has lots of link outs and books to read .

5. US Air Force Efficient Running iphone/android friendly [training modules](http://www.efficientrunning.net). View these and watch and practice some of the stuff on the videos. Also on this site too with direct access to videos on drills and assessments <http://www.efficientrunning.net/>

6. This blog has the basic ABCD, burpee, mountain climber, strides, and slow jog . <http://naturalrunningcenter.com/2017/03/19/wake-spring-spring-simple-drills/>

**Are You Ready For Minimal Shoes** - assessments and corrections simplified with Jay Dicharry and Mark Cucuzzella:

<https://www.youtube.com/watch?v=YtICeFOKjIs>

<http://www.runnersworld.com/barefoot-running/are-you-ready-to-go-minimal#>

Jay Dicharry's book "Anatomy for Runners" also great read

.....

Here is Boston Marathon director Dave McGillvray's video on fitness and health- watch it. Fitness does not mean healthy! This is from AMAA Boston Marathon Sports Medicine 2014.

<https://www.youtube.com/watch?v=AUfK0A-FByA>

.....

Dr Ray McClanahan's presentation on foot strength

<https://www.correcttoes.com/foot-help/aapsm16/>

Dr McClanahan discusses "Shoe Sizing Techniques: Traditional vs. Natural"

[https://www.youtube.com/watch?v=H\\_IdoW0qt98](https://www.youtube.com/watch?v=H_IdoW0qt98)

.....

Dr Richard Blake's "foot doming"/ short foot exercise video

<https://www.youtube.com/watch?v=GY-mJjXmeIc>

.....

Northwest Foot & Ankle: The five exercises in this video will challenge your toes and the muscles of your feet to start moving as they were intended. These exercises will help strengthen the arch intrinsic muscles and facilitate the process of aligning and restoring your feet.

[https://www.youtube.com/watch?v=r4\\_d-Ofm0Ac&feature=push-sd&attr\\_tag=Z4C16eRqXfDO-zyL-6](https://www.youtube.com/watch?v=r4_d-Ofm0Ac&feature=push-sd&attr_tag=Z4C16eRqXfDO-zyL-6)

.....

Foot Drills while walking the dog. A strong and functioning foot is non-negotiable for healthy running.

Six Foot positions:

[https://www.youtube.com/watch?v=t\\_dZBeeGRR0](https://www.youtube.com/watch?v=t_dZBeeGRR0)

.....

Brian McKenzie (Crossfit Endurance) and Kelly Starrett, PT (author of the Supple Leopard)

Rebuilding the feet, part 1

<https://www.youtube.com/watch?v=ha6ZxfG6Tz8&list=PLKWVooneqr-uPZleSPxUHFIpB0eljK2a>

Rebuilding the feet, part 2

<https://www.youtube.com/watch?v=GUHEVWtBlac&index=2&list=PLKWVooneqr-uPZleSPxUHFIpB0eljK2a>

Rebuilding the feet, part 3

<https://www.youtube.com/watch?v=4h8uxhXhozY&index=3&list=PLKWVooneqr-uPZleSPxUHFIpB0eljK2a>

The benefits of going barefoot with Brian McKenzie

<https://www.youtube.com/watch?v=4IBPWUiyU4g>

# \*\*\*SPAULDING REHAB 8 WEEK FOOT STRENGTHENING PROGRAM\*\*\*

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Double leg heel raises-flat	3 sets of 10	3 sets of 20	3 sets of 30					
Double leg heel raises-off step			3 sets of 10	3 sets of 20	3 sets of 30			
Single leg heel raises-flat				3 sets of 10	3 sets of 20	3 sets of 30		
Single leg heel raises-off step					3 sets of 10	3 sets of 20	3 sets of 30	
Towel curls	3 sets of 10	3 sets of 20	3 sets of 30					
Toe spreads /squeeze	3 sets of 10	3 sets of 20	3 sets of 30					
Doming	3 sets of 10	3 sets of 20	3 sets of 30					
Doming -hopping in place		3 sets of 10	3 sets of 20	3 sets of 30				
Doming -hopping square			3 sets of 10 forward and backward	3 sets of 10 forward and backward	3 sets of 10 side to side	3 sets of 10 side to side	3 sets of 10 diagonal and back	3 sets of 10 diagonal and back
Doming-double leg hopping off step					3 sets of 10	3 sets of 20		
Doming-single leg hopping off step							3 sets of 10	3 sets of 20

A Few things on KBs and Breathing. Here are 3 favorites. Diaphragm breathing powerful too.

KB swing

1. Franz Snideman - <http://www.youtube.com/watch?v=TNJMGZTmmvg>

Turkish Get Up

1. Part 1, Franz Snideman - <http://www.youtube.com/watch?v=FiBAUwDtE2k>
2. Part 2, Franz Snideman - <http://www.youtube.com/watch?v=hNCaTlMinbk>
3. Part 3, Franz Snideman - <http://www.youtube.com/watch?v=kL7KYgmi6W4>

Goblet Squat

1. Part 1, Franz Snideman - <http://www.youtube.com/watch?v=h6uwwdeK-tg>
2. Part 2, Franz Snideman - <http://www.youtube.com/watch?v=swP-YTtFeMg>
3. Part 3, Franz Snideman - <http://www.youtube.com/watch?v=qudU5NjLtRg>

Breathing patterns

1. Patrick ward/boddicker - <http://www.youtube.com/watch?v=CK1ZJbFbeyk>
2. Perry nickelston - [http://www.youtube.com/watch?v=1e\\_YAdmxdIA](http://www.youtube.com/watch?v=1e_YAdmxdIA)

I like the short Egoscue sequence for upper body position and you can do these anytime

#	Sets	Reps/Duration	Exercise
1.	2	40	<a href="#">Standing Arm Circles</a>
2.	1	25	<a href="#">Standing Elbow Curls</a>
3.	1	0:01:00	<a href="#">Standing Overhead Extension</a>

.....

Some stuff on opening up the hips. Lawrence Van Lingen's hip sequence:

<https://www.youtube.com/watch?v=yIFe7T8fpwk&feature=youtu.be>

\*Watch several of the videos on his page. He gets it!

This is good too for hips and glutes. Try it. Dan John is the Master:

[http://www.dragondoor.com/gas\\_gluteal\\_amnesia\\_syndrome--and\\_how\\_to\\_fix\\_it\\_good/](http://www.dragondoor.com/gas_gluteal_amnesia_syndrome--and_how_to_fix_it_good/)

**A few other relevant things:**

If you are into podcasts Phil and Mark probably have 100 out there in various places. Here are a few

Endurance Planet Podcast with Dr Phil Maffetone and Dr Mark:

<http://www.enduranceplanet.com/dr-phil-maffetone-dr-mark-cucuzzella-be-your-own-health-advocate-at-any-age-minimalist-marathoning-and-more-on-maf-vs-race-pace/>

"Healthy Eating with Dr. Mark Cucuzzella" Podcast- chatted with The Nation to help understand the evolution of the American dietary guidelines:

<http://trailrunnersnation.com/2016/02/healthy-eating-with-dr-mark-cucuzzella/>

This TRN podcast links to 15 others

<http://trailrunnersnation.com/2017/07/can-dr-cucuzzella-run-sub-3-hour-marathons-for-30-years/>

This podcast covers some of the running and nutrition stuff too

<http://www.nourishbalancethrive.com/podcasts/nourish-balance-thrive/how-run-efficiently-drs-cucuzzella-wood/>

this one too

<http://marathontrainingacademy.com/nutrition-dr-mark-cucuzzella>

UCAN webinar on nutrition

<https://www.youtube.com/watch?v=UfWFVerwVE>

.....

The magic spring of the human foot:

<http://www.runnersworld.com/running-form/how-your-arches-make-you-a-faster-runner>

Running and Burning Butter

<http://naturalrunningcenter.com/2017/03/07/burn-fat-health-performance-better-butter-burner/>

The Secrets of Sugar- Must Watch:

<https://www.youtube.com/watch?v=MZUet6HXZuA&feature=youtu.be>

.....

Six key reads on Insulin resistance Dr Mark shares with police/fire/DOD conferences

**Conference Handouts (6 to download):**

<https://www.specialtyhealth.com/pdf/TeachingDocsNew.html>

.....

Info on TrueForm Runner motorless treadmill for gait retraining. **Rehab the gait not the part:**

Dr Mark has lots of videos on the Trueform site

<http://trueformrunning.com/>

.....

A little on racing strategy and "butter burning":

<http://naturalrunningcenter.com/2017/10/19/semper-fly-run-marine-corps-marathon-2017/>

.....

Important for long endurance events- IRRM guidelines:

<http://racemedicine.org/Education-Resources/Forms-and-Guidelines>

.....

Simple but true article on nutrition history:

<http://www.theguardian.com/society/2016/apr/07/the-sugar-conspiracy-robert-lustig-john-yudkin>

.....

**Unglue your sticks man (legs):**

<https://www.youtube.com/watch?v=Q8vay90655Q>

**Extension Dimension (high hip area):**

<https://www.youtube.com/watch?v=mNGRadx0Q1M>

**Smoking Brakes (Quadriceps):**

<https://www.youtube.com/watch?v=fkPLnVU1KOo>

**Dehydration Nation:**

<https://www.youtube.com/watch?v=tYp1U8-c7h4>

**Your Springs (feet muscles and plantar fascia):**

<https://www.youtube.com/watch?v=OtUDPe-hF08>

**Heel Cord Love (achilles):**

[https://www.youtube.com/watch?v=aLj\\_VkfQzJI](https://www.youtube.com/watch?v=aLj_VkfQzJI)

**Medial Chain Business (groin and inner thigh):**

<https://www.youtube.com/watch?v=hdz5K2fUTYM>

**Hamstring Heaven:**

<https://www.youtube.com/watch?v=y0ayugSjKZA>

**IT Band and the Kitchen Sink:**

<https://www.youtube.com/watch?v=KdHah3xPx6E>

**Squat Power:**

<https://www.youtube.com/watch?v=OFGbTAR0Xgo>

**Brian MacKenzie Warm-up:**

<https://www.youtube.com/watch?v=KxKXpJVxxXo>