



*Strong as individuals. More powerful together.*

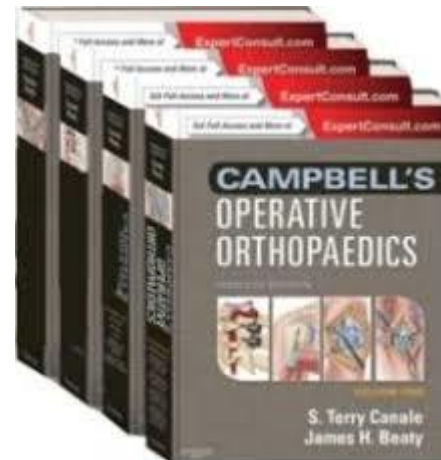
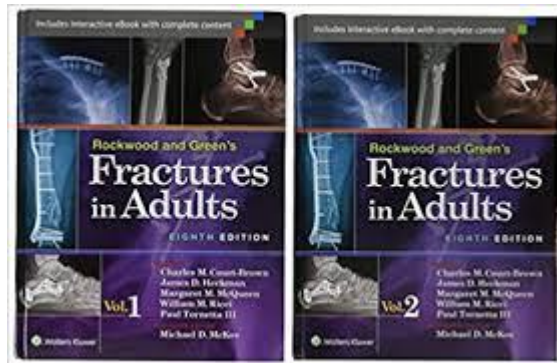
# ▶ Tools to Stay on Top of Orthopaedic Knowledge

COA Annual Meeting 2021

# SYMPOSIUM OVERVIEW:

- ▶ **The Present & Future of Orthopaedic Education-  
ORTHOBULLETS - Derek Moore, MD**
- ▶ **ABOS EXAMINATIONS / CERTIFICATION -  
David Martin, MD**
- ▶ **The Value of WEB Based Sources - VuMedi, etc.  
Jeffrey I. Korchek, MD**

# IN THE BEGINNING THERE WAS:



**BUT WITH TIME, THINGS GOT  
COMPLICATED.**



# The Present & Future of Orthopaedic Education:

## ORTHOBULLETS

**Derek Moore, MD**

# ABOS EXAMINATIONS/CERTIFICATION

DAVID MARTIN, MD

# The Value of WEB Based Sources

**Jeffrey I. Korchek, MD**

WITH THE ADVANCES IN ONLINE MEDIA, CAME MULTIPLE WEB PLATFORMS:





# WEB BASED PLATFORMS:

- ▶ Videos for communication, teaching & case discussion
- ▶ Share new ideas & techniques
- ▶ Allow physician feedback (limited)

# WEB BASE PLATFORMS:

- ▶ Drawbacks: Quality / Accuracy of Content
- ▶ Data Confidentiality



The Video Education Platform for Physicians



- ▶ Leading Video Source for procedures and Seminars/Webinars
- ▶ Greatest benefit - case/surgery preparation
- ▶ Lack of peer review, but allows viewer comments/response



- ▶ Started ~2008 by Roman Giverts / Oakland, CA  
(father-in-law/Orthopaedic Surgeon)
- ▶ Platform free to licensed MD'S & Allied Health (verified)
- ▶ Funded by medical device Co's and Pharma




- ▶ Content submitted by MD'S & and reviewed for inappropriate subject matter.
- ▶ Not peer reviewed, although comments encouraged by viewing MD'S




- ▶ Submitted materials: **Procedure Videos, Seminars & Meetings** (authorized by sponsor)
- ▶ No CME credit given for viewing, so no competition with provider content

# Site Metrics - Who They Are

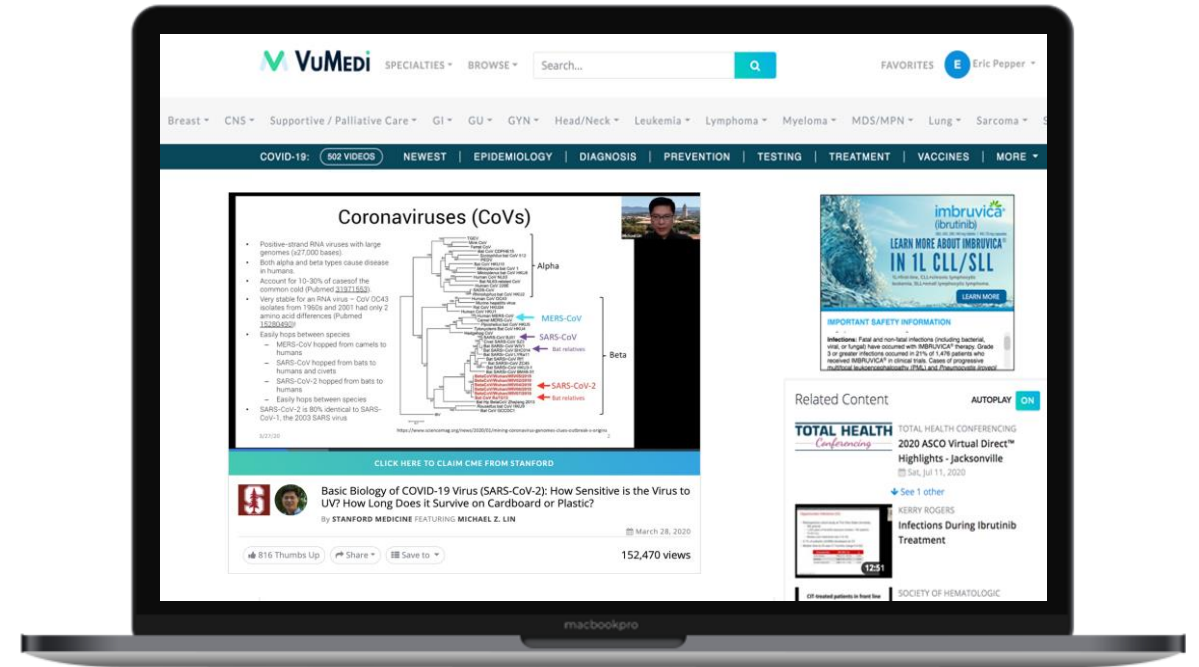




**40K** Contributed Videos



**680K** Registered Users



## A FEW OF OUR EDUCATION PARTNERS





# Their Ortho Community in 2021

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**131K**

Registered Physicians



**16K**

Community Videos

## Main contributors in this community





## PRIMARY CONTENT:

- ▶ Surgical Procedures



jikorcek@gmail.com

.....

SIGN IN

Forgot password?

"VuMedi is a pressure-free environment where you can access medical education and make decisions on your own terms."



Kenneth Rosenfield, MD

MASSACHUSETTS GENERAL HOSPITAL  
Section Head, Vascular Medicine and Intervention

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SPECIALTIES ▾

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Search...

FAVORITES Jeffrey Korchek ▾

Hip Recon ▾ Knee Recon ▾ Foot & Ankle ▾ Hand & Wrist ▾ Pediatrics ▾ Shoulder & Elbow ▾ Spine ▾ Sports ▾ Trauma ▾ Business ▾

COVID-19: **1331 VIDEOS** | NEWEST | EPIDEMIOLOGY | DIAGNOSIS | PREVENTION | TESTING | TREATMENT | VACCINES | MORE ▾

**ADD A VIDEO**

**WEBINARS**  
  
Attend live CME accredited events

**PLAYLISTS**

### News Feed

**Key Features of MACI**

<p><b>Simplified ACI<sup>1,2</sup></b></p> <ul style="list-style-type: none"> <li>• Can be implanted via mini-arthrotomy</li> <li>• Able to be secured with fibrin sealant alone</li> <li>• Less invasive with fewer steps than prior generations of ACI, reducing operative time</li> </ul>	<p><b>Versatility and Flexibility<sup>1,3</sup></b></p> <ul style="list-style-type: none"> <li>• Conforms to most defects</li> <li>• Controlled, uniform dose of cells, regardless of defect size</li> <li>• Permits use of suture or suture anchor fixation when needed</li> </ul>	<p><b>Proven Results<sup>1,4</sup></b></p> <ul style="list-style-type: none"> <li>• More than 17 years of clinical experience outside the US</li> <li>• FDA-approved based on results from the rigorous phase 3 SUNNET clinical study</li> </ul>
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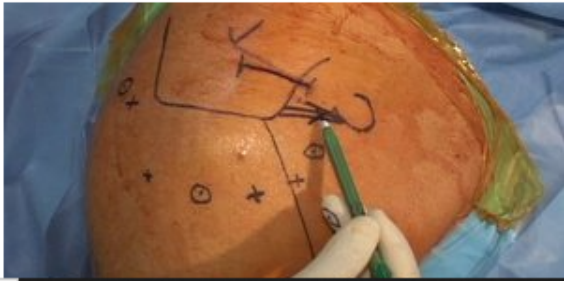
**11:19**

**VERICEL** FEATURED

## Cartilage Restoration with the MACI Implant: Early US Experience

FEATURING JAMES CAREY, DAVID FLANIGAN

754 views 5  January 22, 2021



THE SHOULDER CENTER AT BAYLOR UNIVERSITY MEDICAL CENTER AT DALLAS NEW

## Biceps Tenodesis - Landmarks and Diagnostic Arthroscopy

FEATURING SUMANT KRISHNAN

43,679 views 161  July 28, 2008

# Surgical Procedures

Hip | VuMedi

vumedi.com/term/adult-reconstructionhip/

MSN.com YouTube Facebook craigslist Google Imported From IE Los Angeles Public... Wells Fargo - Perso... dwellingLIVE

Other bookmarks

- Acetabular Cup Placement
- Anterior Hip Arthroplasty
- Anterolateral Hip Arthroplasty
- Aquamantys
- Cementless Total Hip Arthroplasty
- Ceramicised Metal on Polyethylene
- Ceramic on Ceramic Bearings
- Ceramic on Polyethylene Bearings
- Coding TJA
- DVT
- Economics of TJA
- Femoral Component THA
- Hip Hemiarthroplasty
- Hip Navigation

**Clinical Data**

**Review The Literature**

**Peri-Prosthetic Fractures**

- Is Still An Unsolved Problem
- **Increasing** Incidence Reported
- Operative Treatment of Acute Fractures
  - 61% complication rate
  - 5 to 10% infection rate
  - 23% secondary re-operation rate

2019 21:41

INTERNATIONAL CONGRESS FOR JOINT RECONSTRUCTION (ICJR)

## Re-Learning the Art of Cemented Stems in 2019: Why Now? Why Me and You?

FEATURING JOSEPH MOSKAL

20 views March 15, 2021

**DAA Surgical Technique**

- 2) Make a clean **basal-cervical** osteotomy:
  - Remove Femoral Neck for exposure
  - "Nacin-Road" or "Basal Chip"
  - Remove and size femoral head with Calipers
- 3) Inspect Calcar for fissures or fracture lines:
  - If present, place **PROPHYLACTIC** cerclage
  - Monitor during case, if found then place cerclage

09:15

INTERNATIONAL CONGRESS FOR JOINT RECONSTRUCTION (ICJR)

## Direct Anterior Approach for Hip Hemiarthroplasty in 2019: Technique and Outcomes

FEATURING LEE RUBIN

53 views March 15, 2021

**ELDERLY PERIPROSTHETIC FXS—"A NEVER ENDING STORY"**

THE GEORGE WASHINGTON UNIVERSITY 09:21

INTERNATIONAL CONGRESS FOR JOINT RECONSTRUCTION (ICJR)

## Total Hip Arthroplasty: Osteoporosis and Elderly Patients

FEATURING ANTHONY UNGER

26 views March 15, 2021

**Minimum Insertion Area (MIA) as a function of stem length**

INTERNATIONAL CONGRESS FOR JOINT RECONSTRUCTION (ICJR)

## How Stem Design Can Help in the Direct Anterior

11:35 PM 3/23/2021



EMAIL UNIVERSITY AT BUFFALO




### Direct Anterior Total Hip Arthroplasty

By UNIVERSITY AT BUFFALO ORTHOPAEDICS & SPORTS MEDICINE 5 VIDEOS FEATURING MATTHEW PHILLIPS

October 26, 2011

Featured Video




BD  
**Surgeon Testimonial: How to Minimize Bleeding in Total Joint Procedures wi...**  
Feat. S. McMillan  
01:34

Related Content AUTOPLAY ON

 **OrthAlign**  
The Smart Technologies Company  
ORTHALIGN  
**A Solution for Hips from Straight Forward to Complex**  
Mon, Aug 12, 2019  
Faculty: Michael Ast , Donald Hohman , David J. Mayman , OrthAlign Inc

 **Medtronic**  
MEDTRONIC  
**Total Joint Arthroplasty: Managing Cost and Creating Value**  
Tue, Oct 29, 2019  
Faculty: Charles DeCook , Ryan Nunley , Medtronic , Owen R O'Neill, MD

 **3M+KCI**  
3M+KCI  
**Next Generation Incision and Surrounding Soft Tissue Management: Improving**



# Metcalf/AANA Arthroscopic Surgery Meeting 2016

👍 15 Thumbs Up

↻ Share

📁 Save to

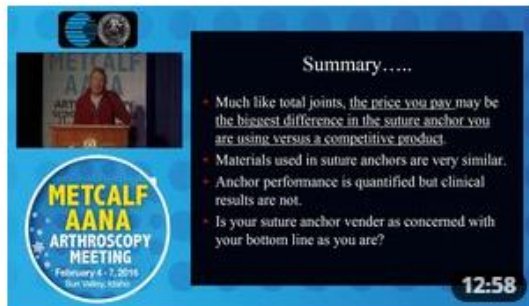
4,838 views

February 4, 2016

February 6, 2016

February 5, 2016

February 7, 2016



METCALF/AANA ARTHROSCOPIC SURGERY MEETING 2016

## Compliance and Cost Savings in the OR: Why It Matters

FEATURING JACK BERT

👁️ 1,992 views 4 👍

📅 June 6, 2016



METCALF/AANA ARTHROSCOPIC SURGERY MEETING 2016

## "Cool Runnings" Why Bundled Payments Will Have The Success of The Jamaican Bobsled Team

Team



🔍 Type here to search



# clinical studies

Sort by: Relevance

Filter by Author:

The Journal of Bone & Joint Surgery (7)

Andrew Pugely (1)

Christopher Martin (1)

David Dellaero (1)

Jack Farr (1)

Jared Harwood (1)

Jay Keener (1)

Joel Boyd (1)

Andrew Hsu (1)



DISCUSSION

THE JOURNAL OF BONE & JOINT SURGERY

**Marx RG. Anatomic double-bundle anterior cruciate ligament reconstruction was superior to convent...**

190 views 42 likes

March 15, 2013



DISCUSSION

THE JOURNAL OF BONE & JOINT SURGERY

**Adult human mesenchymal stem cells delivered via intra-articular injection to the knee following ...**

FEATURING DAVID DELLAERO, JACK FARR, JOEL BOYD

2,372 views 2 likes

April 14, 2014



DISCUSSION

THE JOURNAL OF BONE & JOINT SURGERY

**Database and Registry Research in Orthopaedic Surgery Part I Claims-Based Data.**

FEATURING ANDREW PUGELY, KEVIN BOZIC, JOHN CALLAGHAN, CHRISTOPHER MARTIN, JARED HARWOOD





## ▶ Terms of Use:

- ▶ Submissions can be distributed, displayed & adapted.
- ▶ Submissions can be copied and backed-up indefinitely.





- ▶ **Open Platform to “everyone”**
- ▶ **No clear peer interaction / review**
- ▶ **Not as user friendly as VuMedi**
- ▶ **Retained content on servers**

# YouTube search: TKA with Robot

Watch knee replacement using the MAKO Robotic arm

228,603 views · Oct 31, 2018

736 97 SHARE SAVE ...

Panorama Orthopedics & Spine Center

SUBSCRIBE

total knee replacement with mako robotic

Mako Robotic Arm Assisted Total Knee Arthroplasty  
JOMI - Journal of Medical Insight  
577 views · 1 month ago  
7:46

Plastics: Last Week Tonight with John Oliver (HBO)  
LastWeekTonight  
2.9M views · 1 day ago  
New  
22:24

Robot Assisted Knee Replacement Surgery with Neil...  
NeiltheKnee  
2.1K views · 9 months ago  
17:01

Top Five Mistakes People Make After Total Knee Replacement  
Talking With Docs  
315K views · 8 months ago  
8:34

Ms. Rafferty's Paranormal Encounter: This Day in SNL...  
Saturday Night Live  
5.4M views · 1 year ago  
18:38

Total Hip Replacement Surgery  
Gundersen Health System

Windows taskbar: Type here to search, 8:38 PM 3/23/2021



## Journal of Arthroscopy Study 2015:

Search re: Femoroacetabular  
impingement (FAI)

- ▶ 1,288,324 Videos filtered
- ▶ 52 for Final Analysis
- ▶ Rating/Quality mean 3 (max. 16)
- ▶ Conclusion: Low Quality overall





- ▶ **STARTED 2006; REQUIRES ACCOUNT/FREE**
- ▶ **280 CHARACTERS / LIMITED IMAGES**
- ▶ **2018 - 2000+ MD'S / 300+ FOLLOWERS**
- ▶ **SHARE EXPERIENCES/THOUGHTS WITH INDIVIDUALS IMMEDIATELY**  
**(CROWD-SOURCING OPPORTUNITY)**



- ▶ **CREATE ONLINE COMMUNITIES FOR IMMEDIATE COMMUNICATION & ACCESS (PRIMARILY PHYSICIAN-PATIENT)**
- ▶ **PUBLICATIONS/RESEARCHERS CAN POST ARTICLES FOR FEEDBACK & COMMENTARY**





- ▶ **GREATEST BENEFIT:**  
**EMERGENCY SERVICES COMMUNICATION  
DURING CATASTROPHIC EVENT**
- ▶ **GREATEST POTENTIAL:**  
**TO CREATE A COMMUNICATIVE &  
COLLABORATIVE ATMOSPHERE FOR  
PATIENTS, PHYSICIANS & RESEARCHERS**



## ▶ GREATEST RISK:

### INACCURACY OF INFORMATION:

- GWU STUDY >>> 20% / MEDICAL MATERIAL INACCURATE
- NO SYSTEMIC PROCESS TO CHECK ON ACCURACY



## ▶ GREATEST RISK:

- “NON-EXPERT” MISINFORMATION  
(ex. VACCINES & AUTISM)
- PRIVACY >>> ~ 5% / MEDICAL  
TWEETS HIPAA  
NON-COMPLIANT



## ▶ TWEET CHATS / JOURNAL CLUBS:

- REAL-TIME EVENTS MODERATED & FOCUSED AROUND SPECIFIC TOPIC
- LONGER TIME FRAME ALLOWING FOR ADDITIONAL INPUT



## ▶ TWEETS / MEETINGS:

- GREAT POTENTIAL FOR MEETINGS AND CONFERENCES
- UTILIZE FOR COMMUNICATION AMONG SPEAKERS AND PARTICIPANTS FOR QUESTIONS & EXPAND TOPICS FOR DISCUSSION



## ▶ “RULES OF THUMB” / TWITTER

**DON'T LIE, DON'T PRY**

**DON'T CHEAT, CAN'T DELETE**

**DON'T STEAL, DON'T REVEAL**

# OTHER SOURCES:

- ▶ **AAOS: PRACTICE GUIDELINES / ORTHO VIDEO THEATER**
- ▶ **JAAOS**
- ▶ **ORTHO GATE - RESIDENCY FOCUS**
- ▶ **HSS: ON DEMAND 24/7**
- ▶ **AO FOUNDATION: AOSURGERY.ORG**
- ▶ **DOCSPERA: ASSOCIATION WITH AAHKS**

**THANK YOU**

The background features abstract, overlapping geometric shapes in various shades of green, ranging from light lime to dark forest green. These shapes are primarily located on the right side of the frame, creating a modern, layered effect against the white background.