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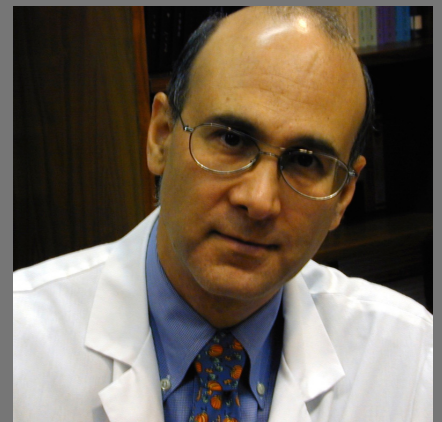
# Defending Exaggerated Hip & Knee Claims: Part Two - The Hip

*25 February/ 6-7PM / Virtual*

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## Meet The Panelists



**DR. RONALD P.  
GRELSAMER, MD**

Orthopedic Surgeon  
Mount Sinai Medical Center



**MR. JOHN P.  
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## DEFENDING EXAGGERATED HIP & KNEE CLAIMS: PART TWO - THE HIP

We are back! Thanks so much for joining Dr. Ron Grelsamer and me for Part II of our discussion of knee and hip injuries. Tonight we discuss the hip.

As we all know, in addition to COVID19, this winter will be remembered for more snow than we have had in several years. As we also know snow often leads to ice which leads to this.



When plaintiff falls on ice she falls hard on a hard surface. She likely has immediate pain and likely gets taken to an emergency room which she is diagnosed with a fracture and surgery is often necessary within a few days of the accident.

Same here. This man just fell in a corridor possibly on his way to a NYSTLA meeting. Unexpected contact on a hard surface. Good thing the caution sign was in place. Nonetheless look to the right. We know what's coming.



In the fall scenario there may be a question regarding the fall causing the fracture or the fracture causing the fall.

There may also be a question of “degenerative changes”. Just like the labrum in the shoulder and the meniscus in the knee, the hip labrum is prone to degenerative tears. As Dr. Grelsamer will explain, the wearing away of the labrum as well a congenital condition known as a “cam” lesion can lead to arthritis which can lead to avascular necrosis. Why is that important to those of us who are defending personal injury claims? Medical causation! An area of avascular necrosis where the bone has crumbled can produce cracks which are diagnosed as traumatically induced fractures. In other words, although the fall occurred and the plaintiff fell unexpectedly on to a hard surface, the “fracture” may not be a “fracture” or it may not have been caused by the fall. There may also be an issue regarding the reasonableness and the necessity of the treatment recommended by the plaintiff’s orthopedic surgeon.

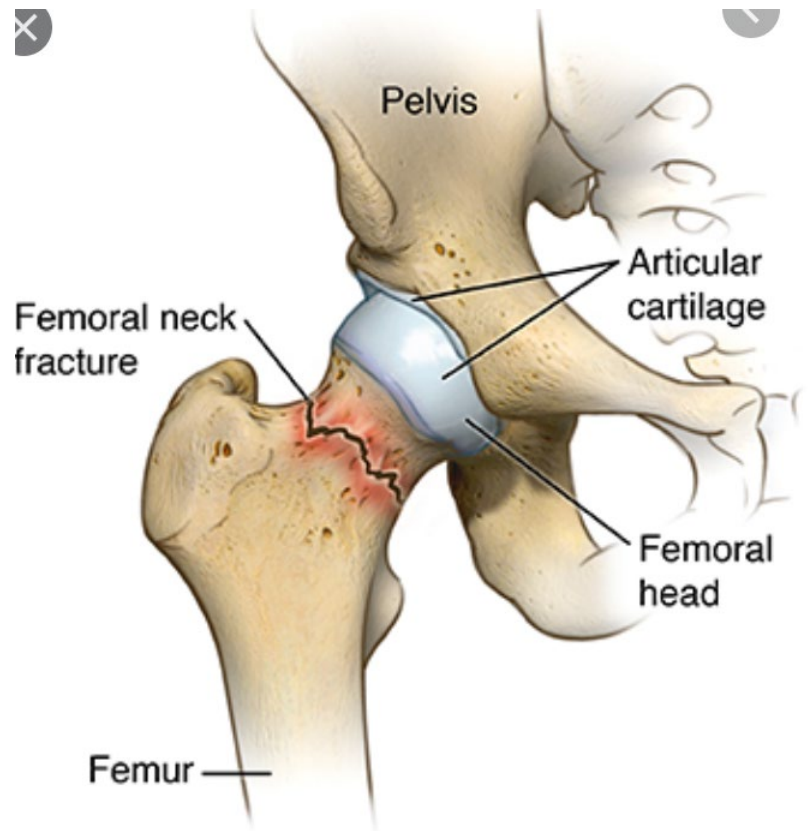
Let’s take another scenario. The plaintiff is crossing the street in the cross walk and the defendant is making a turn.



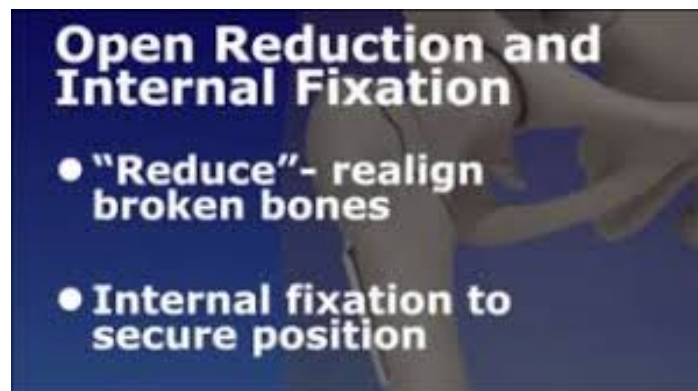
You know what happens next. The plaintiff is hit by the bumper of a vehicle moving at a speed of 20-30 MPH that weighs approximately 4,000 pounds. Not surprisingly the plaintiff complains of immediate hip or pelvic pain.

What do all of our examples have in common? Below is an illustration of a common hip fracture.

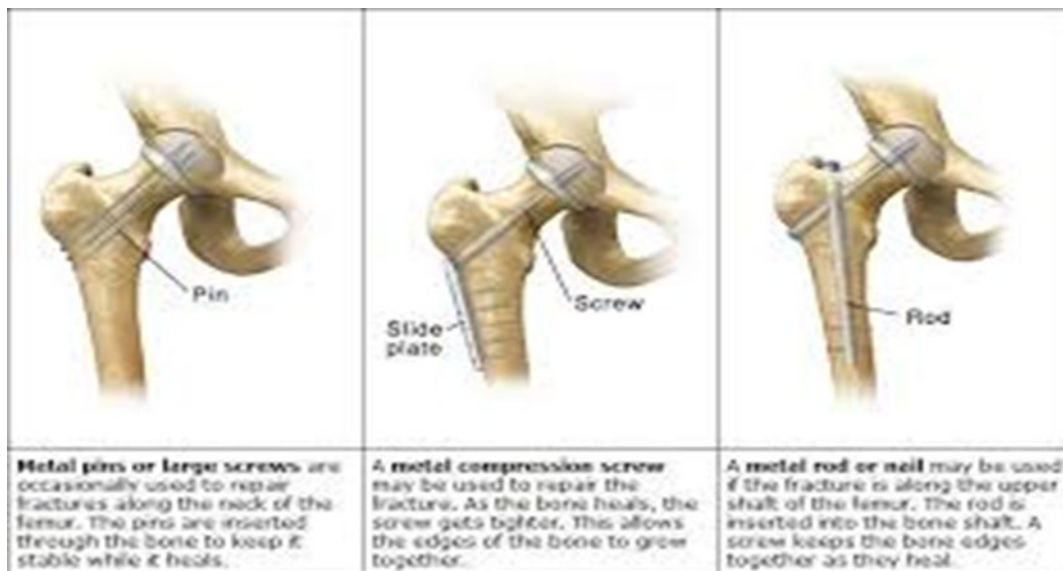




Which often leads to an open reduction with internal fixation.



Which is treated like this.



But is shown to the jury like this.



Dr. Ronald Grelsamer's presentation contains other examples of hip fractures including the less common subtrochanteric fractures. Dr. Grelsamer will explain to us the anatomy of the hip, the labrum and how it can tear, arthritis, avascular necrosis/osteonecrosis and fractures. We will also discuss how MRI's of the hip are often read as diagnosing a torn labrum and the medical causation defenses available to us.

Understanding the anatomy of the hip, the mechanism of injury to the hip and the medical causation defenses available to us assists our clients in evaluating the potential exposure of knee injury cases.

As we discussed in Part I of our presentation, we also need to know the verdict and sustainable value of hip injury cases. When determining whether a jury award for past and/or future pain and suffering is proper, the court will consider a number of factors including the following:

- 1) Plaintiff's age,
- 2) Whether plaintiff will require future medical care most notably additional surgery in the future and
- 3) Whether plaintiff still continues to suffer limitation of motion and/or pain after the surgery.

Before we discuss appeals please recall that your first "appeal" is to the trial court on a motion to set aside the jury verdict pursuant to CPLR section 4404 which states as follows:

(a) Motion after trial where jury required. After a trial of a cause of action or issue triable of right by a jury, upon the motion of any party or on its own initiative, the court may set aside a verdict or any judgment entered thereon and direct that judgment be entered in favor of a party entitled to judgment as a matter of law or it may order a new trial of a cause of action or separable issue where the verdict is contrary to the weight of the evidence, in the interest of justice or where the jury cannot agree after being kept together for as long as is deemed reasonable by the court.

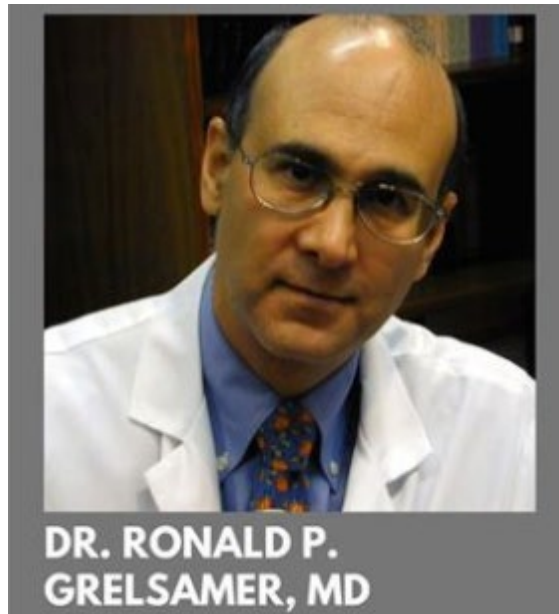
In essence the defendant is asking the trial court to consider past verdicts for similar injuries as well as any other evidence the defendants can produce to show that the jury award was disproportionate to the injuries claimed and deviated from reasonable compensation.

The following cases are instructive in determining the sustainable value of hip injuries for which the plaintiff claims that the injury was:

- 1) Causally related to the accident,
- 2) The surgery was medically necessary.



As we said in Part I, before we begin our review of the verdict and sustainable values please pay close attention to the words of this man.



to avoid the words of this man.



so that you don't wind up like this man.



## **Representative Cases**

- 1) In **McDonough v. Transit Road Apartments**, 79 N.Y.S.3d 510 (Sup. Ct. 2018)

The plaintiff slipped and fell on the defendant's property. The plaintiff broke her arm in two places as well the ball of her hip. The fracture to the ball of her hip required an emergency partial hip replacement. The plaintiff was supposed to undergo revision surgery for her hip but canceled the surgery after her husband passed away. The jury awarded \$350,000 for past pain and suffering and \$0 for future pain and suffering because the plaintiff refused to undergo the revision surgery. The trial judge affirmed both awards.

- 2) In **Clarington Fortune v. New York City Housing Authority** (521950/2017 Kings County).

In Clarington Fortune, the plaintiff was injured when a worker fell off a roof and landed on the plaintiff. The plaintiff suffered a severely comminuted, displaced fracture of his left hip's acetabulum (round pelvic cavity that received the head of the femur), fracture of the pelvis ischium (curved bone forming the base of each half of the pelvis), and fracture of the pelvis' left superior pubic ramus. Plaintiff underwent an open reduction and internal fixation of four plates secured by screws. Plaintiff spent 15 days in the hospital. Plaintiff also underwent a hip replacement two years later. The jury awarded a total of \$3,000,000 in pain and suffering: \$2,000,000 for past and \$1,000,000 for future.

- 3) **Rivera v. Kolsky**, 164 A.D.3d 626 (2<sup>nd</sup> Dept 2018)

In Rivera, the plaintiff was injured while driving his car when another car executing a left turn struck his vehicle. The Plaintiff suffered an intra articular comminuted fracture dislocation of his left hip, and femoral fracture of left hip that required open reduction internal fixation of the acetabular fracture bone graft harvest and screws. Plaintiff also suffered a torn meniscus in his left knee and fracture of his left knee's femoral condyle. The Jury awarded \$300,000 for past pain and suffering and \$1,000,000 for future pain and suffering, which the Second Department affirmed. When adjusted for inflation, \$300,000 and \$1,000,000 in 2018 are equivalent to approximately \$312,000 and \$1,041,000 respectively.

4) **Dooknah v. Thompson**, 276 A.D.2d 664 (2<sup>nd</sup> Dept 2000)

In Dooknah, the plaintiff was injured when he was struck by a vehicle as he was crossing the street. The plaintiff suffered a nondisplaced fracture of the right acetabulum with swelling of the right obturator muscle and two fractures to the pubic ramus. The jury awarded the plaintiff \$30,000 for past pain and suffering and \$20,000 for future pain and suffering. Second Department issued an order directing the defendant to agree to an increase in the judgement to \$200,000, and the award to \$75,000 for past pain and suffering and \$125,000 for future pain and suffering or undergo another trial. When adjusted for inflation, \$200,000, \$75,000 and \$125,000 are equivalent to approximately \$300,000, \$113,000, and \$189,000 respectively.

5) **Kahl v. MHZ Operating Corp.**, 270 A.D.2d 623 (3<sup>rd</sup> Dept 2000)

In Kahl, a 73 year old plaintiff was injured when he slipped on the defendant's premises as a result of the defendant's negligence. The plaintiff suffered a fracture of the intertrochanteric area of his right hip which required a large screw to be inserted through his femur and up into the ball of his hip joint which was secured to a plate extending down and affixed to the femur with screws. Plaintiff was hospitalized for 12 days and spent an additional week in a rehab facility. Plaintiff made a full recovery. The jury awarded \$250,000 for past pain and suffering and \$200,000 for future pain and suffering. Defendants made a posttrial motion to order a new trial unless the plaintiff accepted a reduction in the award to \$125,000 for past pain and suffering and \$100,000 for future pain and suffering. Supreme Court granted defendants' motion and the Third Department affirmed the Supreme Court's decision. When adjusted for inflation, \$125,000 and \$100,000 are equivalent to approximately \$189,000 and \$151,000 respectively.

6) **Hensley v. Lawrence**, 40 A.D.3d 1375 (3<sup>rd</sup> Dept 2007)

In Hensley, the plaintiff brought this action on behalf of her child who was injured when the rowing shell she was in collided with a boat owned by the defendant's. The child suffered a fractured superior and inferior pubic ramus, lacerated liver, fractured rib, and a pneumothorax. The child did not undergo any surgeries but was required to stay in the hospital for two weeks. As a result of the fractures to the pubic ramus, a piece of bone was left protruding into the child's

pelvis. The jury awarded the plaintiff \$2,000,000 for past pain and suffering and \$1,000,000 for future pain and suffering. Third Department ordered the plaintiff to accept a reduced award in the amount of \$1,000,000 for past pain and suffering and \$250,000 for future pain and suffering or undergo another trial. When adjusted for inflation, \$1,000,000 and \$250,000 are equivalent to approximately \$1,261,000 and \$315,000 respectively.

7) **Klein v. Turf Hotels, Inc.** JVR 505137 (Albany County 2009)

In Klein, a 79 year old plaintiff was injured when she was struck by a revolving door at the defendant's hotel. The plaintiff suffered a left hip fracture that required internal fixation. The parties settled for \$450,000. When adjusted for inflation, \$450,000 is equivalent to approximately \$548,000.

8) **Liang v. Chung**, JVR 510493 (Kings County 2007)

In Liang, a 70 year old plaintiff was injured when he slipped and fell because of ice and snow on the defendant's property. The plaintiff suffered a fractured hip. It is unclear whether the plaintiff underwent surgery as a result of this injury. The jury awarded \$250,000 for pain and suffering. When adjusted for inflation, \$250,000 is equivalent to approximately \$315,000.

9) **Corniel v. Figueroa**, JVR 518313 (Bronx County 2005)

In Corniel, a 37 year old plaintiff was injured when he slipped and fell on ice on the defendant's property. The plaintiff suffered a right hip fracture and dislocation that required internal fixation. The parties settled for \$750,000. When adjusted for inflation, \$750,000 is equivalent to approximately \$1,004,000.

10) **Rose v. City of New York**, JVR 510489 (Queens County 2007)

In Rose, an 85 year old plaintiff was injured when she slipped and fell on the center island of a roadway. The plaintiff suffered a right hip fracture. It is not known if the plaintiff underwent surgery. The jury awarded the plaintiff \$350,000

for pain and suffering. When adjusted for inflation, \$350,000 is equivalent to approximately \$441,000.

11) **Novoross v. PCV St Owner LP** JVR 503965 (New York County 2008)

In Novoross, an 87 year old plaintiff was injured when the self closing door of the laundry room in her apartment building struck her in the back causing her to fall. The plaintiff suffered a hip fracture that required internal fixation. The parties agreed to settle the case for \$140,000. When adjusted for inflation, \$140,000 is equivalent to approximately \$170,000.

12) **Dubec v. New York City Housing Authority**, JVR 461225 (New York County 2004)

In Dubec, a 66 year old plaintiff was injured when she tripped and fell using the elevator in the defendant's building. The plaintiff suffered a right hip fracture with varus angulation, right shoulder fracture, right rotator cuff tear, arm tendon damage, chondromalacia, hemarthrosis, and knee cartilage damage. It is not known if the plaintiff underwent surgery. The jury awarded the plaintiff \$475,000 for pain and suffering. When adjusted for inflation, \$475,000 is equivalent to approximately \$657,000.

Thanks for participating in our virtual CLE. Best regards and keep well.

John P. Connors, Jr. [jpc@connorslaw.com](mailto:jpc@connorslaw.com)



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***Defending Exaggerated  
HIP  
Personal Injury Claims***

**Ronald P. Grelsamer, MD**

***Mount Sinai, NY***

**with John Connors, Jr., Esq.**

# **Differences between the knee and the hip**

**Everyone understands what  
a knee is**

**BUT NOT SO WITH  
THE HIP!**



Someone rubbing their  
butt does not have a hip  
problem – it's the spine



Hip joint pain is in  
the GROIN

# Conditions to discuss

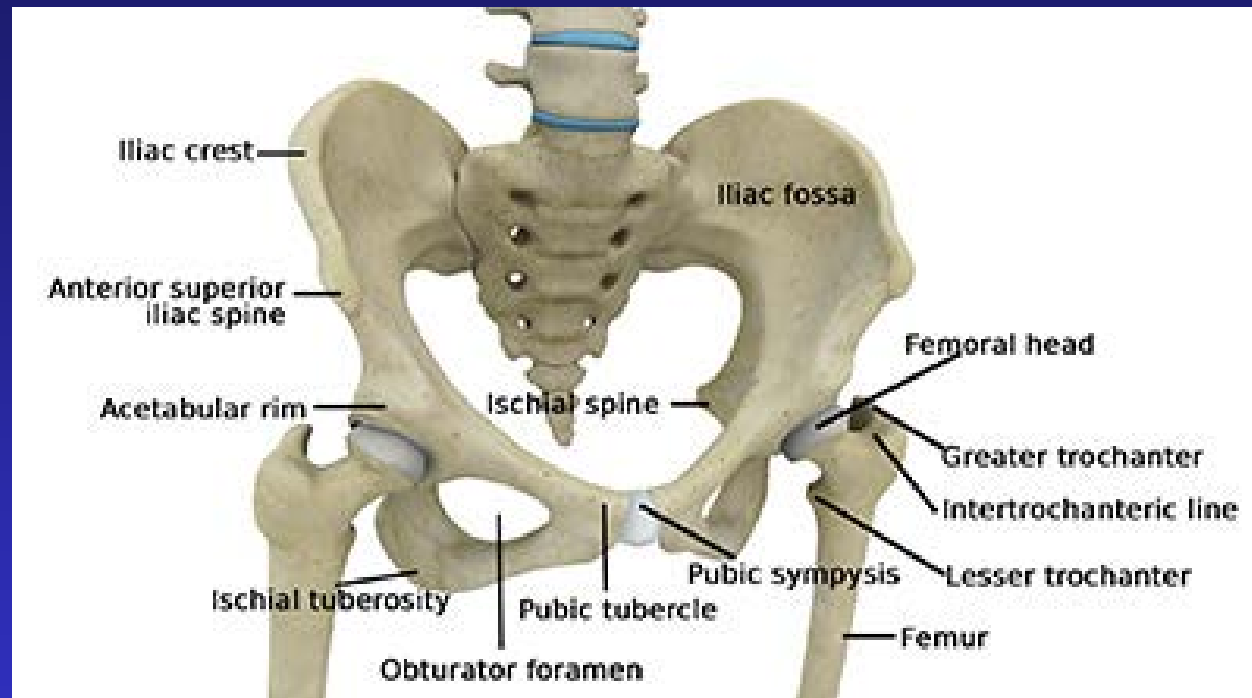
**Torn labrum**

**Arthritis**

**Avascular necrosis / osteonecrosis**

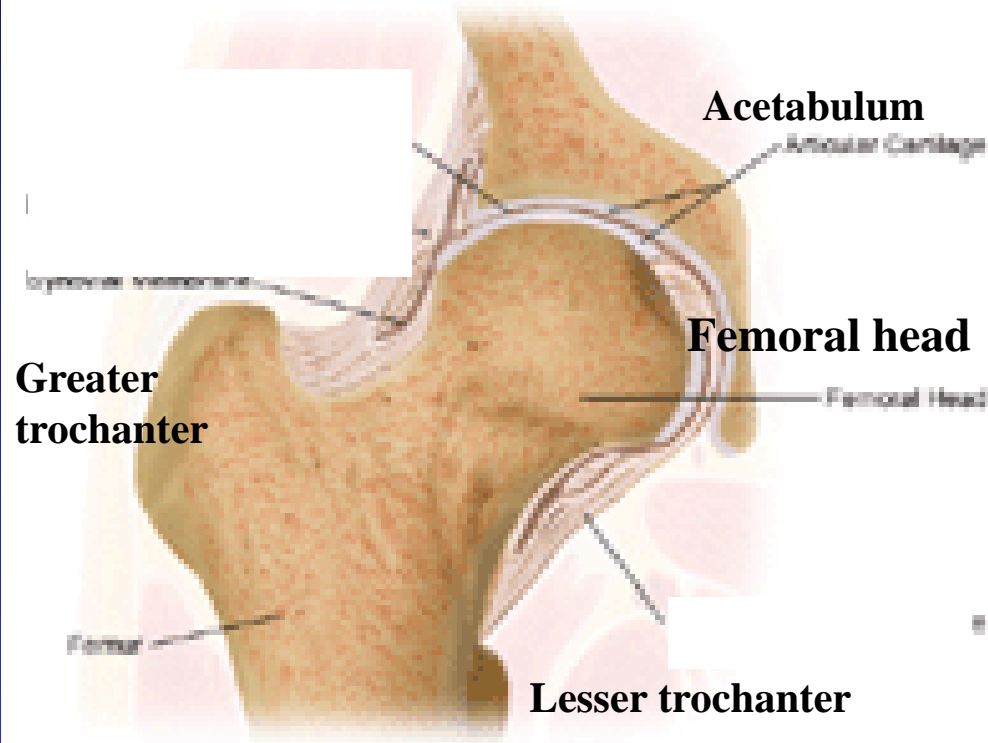
**Fractures**



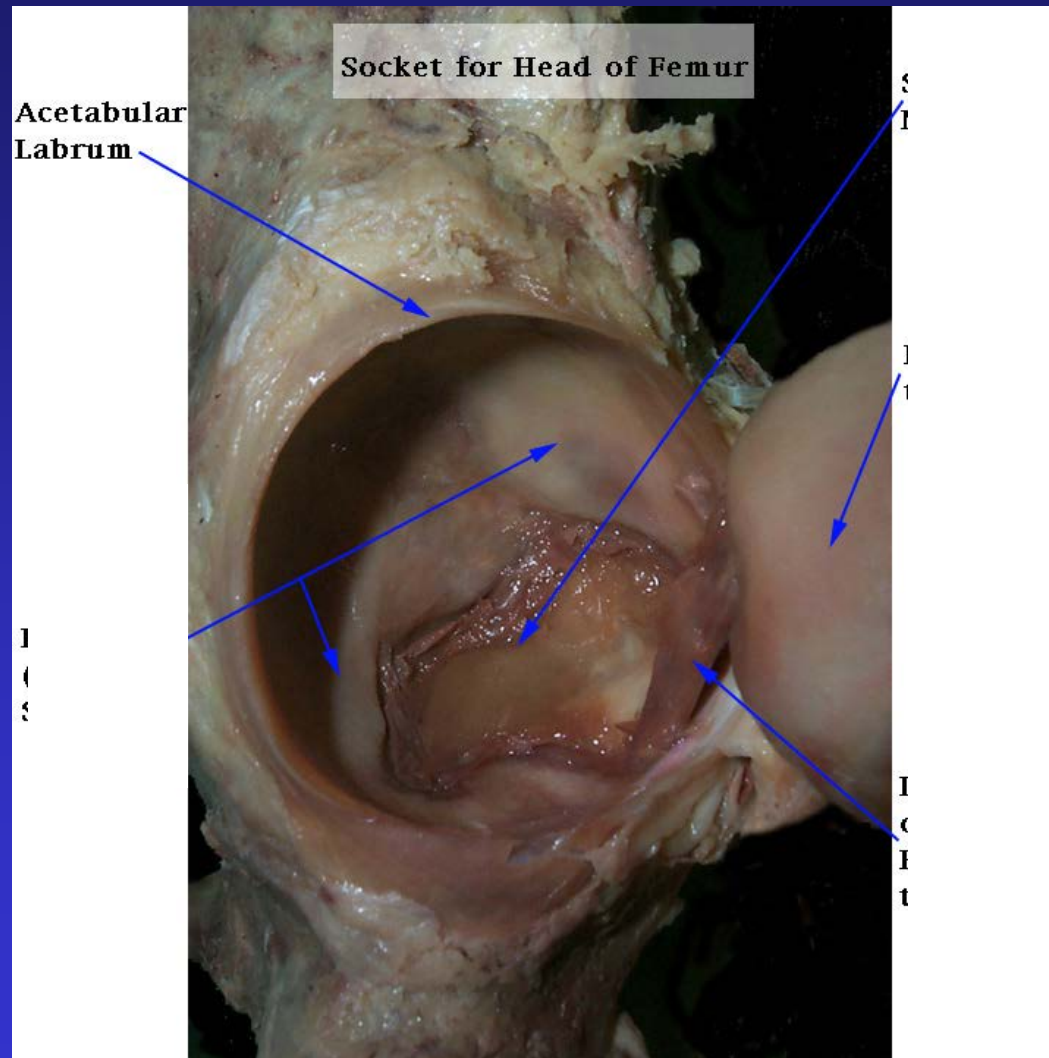


## HIP JOINT

## Ball and Socket



# What is the labrum?



**The hip labrum is prone to  
degenerative tears (like the  
knee meniscus)**

**Most MRIs are read as “torn  
labrum”**

# Hip arthritis

# Arthritis:

Wearing down of articular cartilage all the way down to bone









# How does arthritis develop?

**Anatomic variations:**

- **Hip dysplasia**
- **Femoro-acetabular impingement (FAI)**

# Dysplasia



# Cam lesion in FAI



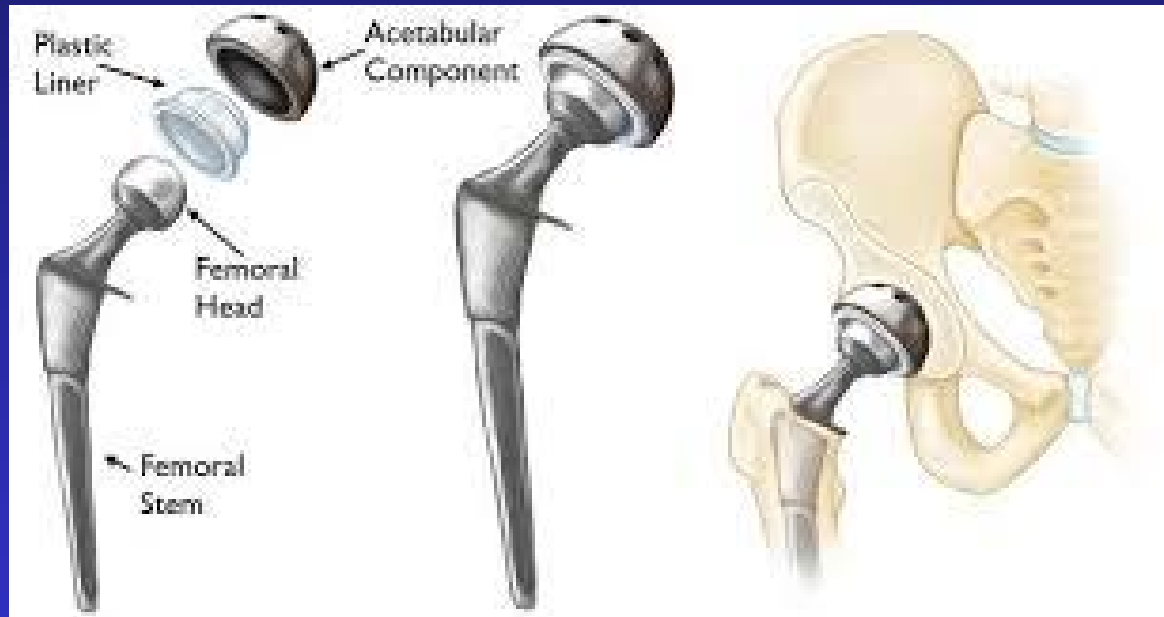
**The FAI bump can cause a  
torn labrum  
and over time can cause  
arthritis**



**Hip surgeons sometimes try to have it both ways with a torn labrum:**

- Post-traumatic**
- FAI** BINGO: This is congenital

# A hip replacement



**Total Hip Arthroplasty  
(THA)**



**Hemiarthroplasty  
(HAP)**



**Avascular necrosis**  
**a.k.a. AVN**  
**a.k.a. osteonecrosis**  
**a.k.a. aseptic necrosis**



**Within an area of AVN  
where the bone has  
crumbled there can be  
cracks misread as  
FRACTURES**

# Hip fractures



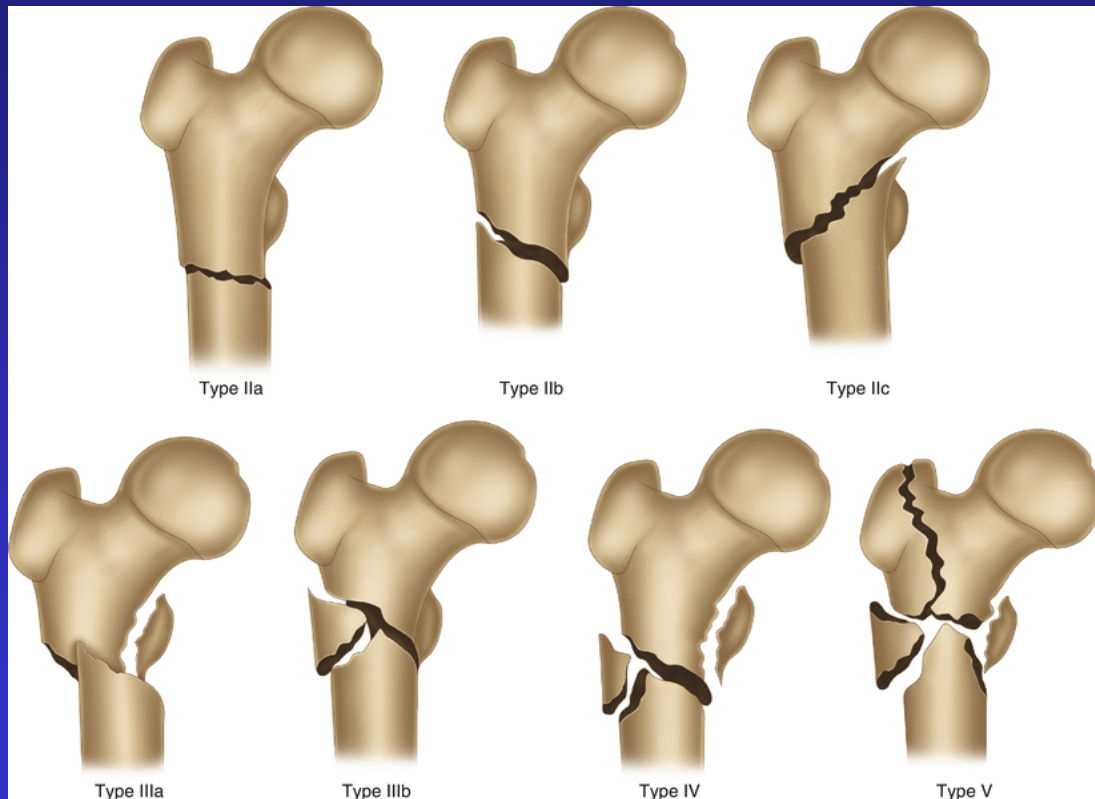


Femoral **neck** on left

IT (intertrochanteric)

# Much less common

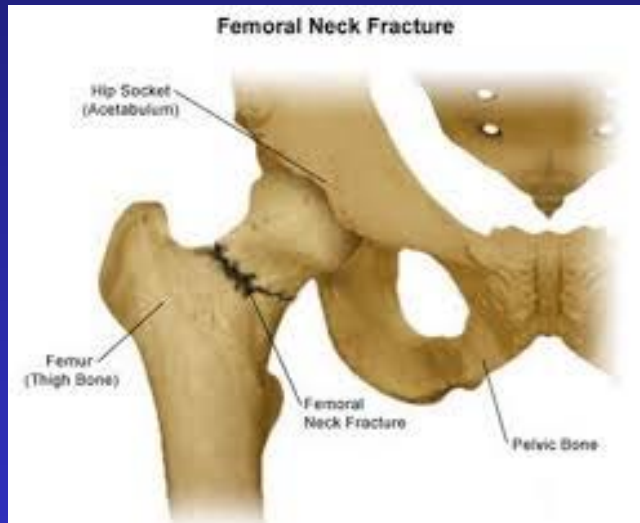
## Subtrochanteric fracture





# Femoral neck fracture

## #1: Non-displaced



# **Femoral neck fracture**

## **Possible complications**

**Non-union**

**Arthritis**

**Avascular necrosis**

All lead to further surgery

# Femoral neck fracture

## #2: Displaced



**This will not heal!**

**Total Hip Arthroplasty  
(THA)**



**Hemiarthroplasty  
(HAP)**





# Partial hip replacement (hemi-arthroplasty)



**Thank you!**

**Ron Grelsamer, MD**

**John Connors, Jr., Esq.**

**JOHN P. CONNORS, JR.**  
**74 DUNCAN ROAD**  
**STATEN ISLAND, NEW YORK 10301**

**EXPERIENCE**

**CONNORS & CONNORS, P.C.**, 766 Castleton Ave, Staten Island, NY, 10310

Partner, 1984 - Present

Active trial attorney and managing partner of 11 attorney firm specializing in the defense of commercial lines and personal lines insurance carriers, self-insured corporations, not for profit corporations, utilities, religious and academic institutions.

**KINGS COUNTY DISTRICT ATTORNEYS OFFICE**, Brooklyn, NY

Assistant District Attorney, 1981 - 1984

Prosecuted misdemeanor and felony trials, arraignments, hearings, grand jury presentations and investigations.

**EDUCATION**

**Georgetown University Law Center**, Washington, D.C.

Juris Doctor, 1981

**Georgetown University College of Arts & Sciences**, Washington, D.C.

Bachelor of Arts - Cum Laude, 1978

**PROFESSIONAL  
ORGANIZATIONS**

Member- Committee on Character & Fitness- 2<sup>nd</sup>, 10<sup>th</sup>, 11<sup>th</sup> and 13<sup>th</sup> Judicial Districts

Immediate Past Chair-Grievance Committee - 2<sup>nd</sup>, 11<sup>th</sup> and 13<sup>th</sup> Judicial Districts

Member-Richmond County Bar Association

Member-New York State Bar Association

Member-Defense Research Institute

Past Chair-Independent Judicial Election Qualifications Committee 2<sup>nd</sup> and 13<sup>th</sup> Judicial Districts

Past President-Richmond County Bar Association

Past Chair-New York State Bar Association-Trial Lawyers Section

Past Member-Richmond County Bar Association Judiciary Committee

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Lead Director-Northfield Bank, Avenel, New Jersey

Trustee-Notre Dame Academy, Staten Island, New York

Director-Snug Harbor Cultural Center, Staten Island, New York

Member-External Advisory Committee Georgetown University Alumni & Student

Federal Credit Union

Member- Order of Malta American Association

Former Director-St. Elizabeth Ann Nursing & Rehabilitation Center, Staten Island, New York

Former Director-St. Vincent's Services, Brooklyn, New York

Former Trustee-St. Vincent's Medical Center of Richmond

### **BAR ADMISSIONS**

New York State Bar - 1982

New Jersey State Bar - 1984

District of Columbia Bar - 1983

United States District Court, Southern District of New York - 1983

United States District Court, Eastern District of New York - 1983

United States District Court, District of New Jersey - 1984

United States District Court, District of Columbia - 1983

United States Supreme Court – 2010

United States Court of Appeals for the Second Circuit-2015

### **PERSONAL**

Married to Katherine A. Connors.

Children, Eileen, age 28, Kate, age 26 and Colleen, age 21

# **CURRICULUM VITAE February 2020**

**RONALD PAUL GRELSAMER, M.D.**

## **Affiliation**

**Icahn Medical School at the Mount Sinai Medical center**

**Appointment:** Clinical Associate Professor of Orthopedic Surgery  
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## **Education**

Lycée Français de New York, New York, N. Y	1959 - 1971 1971 Baccalauréat
Brown University, Providence, Rhode Island	1971-1975 1975 B.S. BioEngineering B.A. French Literature
College of Physicians and Surgeons, Columbia University, New York,	1975 - 1979 1979 M.D.

## **Graduate Training**

Internship, Straight Surgical, St. Luke's Division of St. Luke's - Roosevelt Medical Center, New York, N. Y.	July 1979 - June 1980
Residency, General Surgery, St. Luke's Division of St. Luke's - Roosevelt Medical Center, New York, N. Y.	July 1980 - June 1981
Residency, Orthopaedic Surgery, The New York Orthopedic Hospital, Columbia-	

R Grelsamer, MD

Presbyterian Medical Center, New York, N. Y.      July 1981 - June 1984

Fellowship, Senior Annie C. Kane Fellow in Hip and Knee Implant Surgery, The New York  
Orthopaedic Hospital, Columbia-Presbyterian Medical Center New York, N. Y.  
July 1984 - June 1985

**Licensure:**      New York State 1980

**Certification:** Board Certified in Orthopaedic Surgery 1987  
Recertification through 12/31/27.

### **Society Membership**

American Academy of Orthopaedic Surgery  
IPSG (International Patellofemoral Study Group)

### **Honors, Awards, and Grants**

Baccalauréat with Honors, Lycée Français de New York. June, 1971

Vice-President, Engineering Honor Society (Tau Beta Pi), Brown University. September 1974 -  
June 1975

Ruth Collins Award for Achievement in French Literature, Brown University. June 1975

First Prize, Residents' Night, The New York Academy of Medicine. May 9, 1983

Berg - Sloat Traveling Fellowship from The Orthopaedic and Research Foundation, March 1985  
for visit to the Knee Service of the Clinique des Maussins in Paris, France. Study of patellar re-  
alignment, patellar reconstruction and placement of unicondylar knee implants.

BEAM (Brown Engineering Alumni Medal) May 2003.

**Career Development Award - Orthopaedic Research and Education  
Foundation**, February 1993.

Project title: Is there an optimal tracking path for the patella?

The 1995 Research Award. The American College of Sports Medicine - Greater New York  
Chapter. November 17th 1995

## **Publications**

### **Books**

***The Columbia-Presbyterian Osteoarthritis Handbook.* Grelsamer, RP and Loeb S Eds. New York: Macmillan, 1996.**

***The Patella: A Team Approach.* RP Grelsamer, MD and J McConnell PT, GDMT. Aspen Press, 1998.**

***La Rotula – approccio d’equipe.* RP Grelsamer, MD and J McConnell PT, GDMT, translated by A Albasini. Masson Milano, 2001.**

***What Your Doctor May NOT Tell You About Knee Pain and Surgery.* Warner Books, 2002**

***What Your Doctor May NOT Tell You About Hip and Knee Replacement Surgery.* Warner Books, 2004.**

***Into the Sky with Diamonds – The Beatles and the Race to the Moon.* Hey Bulldog Press, Authorhouse, 3<sup>rd</sup> ed. 2013 (excerpted in Connections/English Language Arts – 11<sup>th</sup> Grade, 2017)**

**A Patient Guide to Unnecessary Knee Surgery. Hey Bulldog Press, Authorhouse, 2015**

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plane. A clinical analysis. *American Journal of Sports Medicine*. 22:61-66, 1994.

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**Grelsamer RP, Patterson DC, Hyman A: "Ambiguous Nomenclature in Musculoskeletal MR Imaging.** *Bulletin of the Hospital for Joint Diseases* (in press)

## **Presentations**

[reverse chronological order]  
(Partial)

Ethics conference. Resident lecture series. When do you tell a patient you are performing a new procedure? Feb 5<sup>th</sup> 2020.

Biomechanics and Biomaterials – latest developments. Resident lecture series. Feb 4<sup>th</sup> and 6<sup>th</sup> 2020.

Patellar pain and instability. Resident lecture series. May 9<sup>th</sup> and May 14<sup>th</sup> 2019.

Biomechanics and Biomaterials. Resident lecture series. Feb 12<sup>th</sup> and 14<sup>th</sup> 2019.

Ethics. May 17<sup>th</sup> 2018. Resident lecture series. What if a patient refuses the best treatment option?

Patellar fractures / Patellofemoral Syndrome. Intern lecture series. March 28<sup>th</sup> 2018.

Biomechanics and Biomaterials. Resident lecture series. March 22-23 2018.

Ethics. January 25<sup>th</sup> 2018. Resident lecture series. Shoulder replacement in mentally incompetent patient. Failure to examine the skin in patient with knee pain. Fictitious electronic office notes.

**Tibial Tuberosity transfer using MD3T instrumentation. International Patellofemoral Study Group, Munich, Germany, September 15<sup>th</sup> 2017.**

R Grelsamer, MD

Ethics. May 18<sup>th</sup> 2017. Resident lecture series.

Ethics. “Confirmation bias” Feb 3<sup>rd</sup> 2017. Resident lecture series.

Biomaterials and biomechanics. Feb 16<sup>th</sup> and 24<sup>th</sup> 2017. Resident lecture series.

**Is there a role for a custom trochlea in the setting of dysplasia? NYOH 150<sup>th</sup> Anniversary. New York NY, May 14<sup>th</sup> 2016.**

Patellofemoral Replacement implants (for Kinamed). Orlando, FL. Annual meeting of the AAOS. March 3, 2016.

Hip Mechanics / How to build a lower extremity. February 11, 2016. Resident lecture series.

Biomaterials. February 16, 2016. Resident lecture series.

Ethics. “The Captain of the ship” Resident lecture series. Oct 30<sup>th</sup> 2015.

**Trochlear Dysplasia as assessed on CT vs a plaster model. Meeting of the International Patellofemoral Study Group. Chicago, September 9<sup>th</sup> 2015.**

The Knee Examination. Resident lecture series. August 27<sup>th</sup> 2015

Patellar Pain and Instability. May 21 and 26 2015. Resident lecture series

Ethics. Do you tell a patient you’re using an implant for the first time? Resident lecture series. May 15, 2015

Biomechanics and advances in biomaterials (2 parts). Resident lecture series. Spring 2015. Mount Sinai.

Biomechanics and advances in biomaterials. Resident lecture series. March 14, 2014. Mount Sinai.

Ethics in Medicine. Resident lecture series. January 17, 2014. Mount Sinai

**Anterior Knee Pain for the primary care provider. November 2<sup>nd</sup> 2013, Mount Sinai**

**Does a custom patellofemoral replacement limit flexion when the trochlea is dysplastic? Meeting of the International Patellofemoral Study Group, Ghent, Belgium, August 2013.**

The Patella – Treatment. Resident lecture series. May 23 2013. Mount Sinai

The Patella – Making the Diagnosis. Resident lecture series. May 16 2013. Mount Sinai

**MPFL reconstruction and patellofemoral arthroplasty (with demonstration) – Masters Course Arthroscopy Association of North America, Chicago. April 12-13 2013.**

Hip mechanics Resident lecture series. Feb 12<sup>th</sup> 2013. Mount Sinai

Biomaterials – Resident lecture series. Feb 11<sup>th</sup> 2013. Mount Sinai

**Anterior Knee Pain - Making the right diagnosis. Beth Israel Medical Center, Grand Rounds, New York, NY October 18<sup>th</sup> 2012.**

**Patient-specific Custom Patellofemoral Arthroplasty. 6<sup>th</sup> Annual CIPKA course (contemporary issues in partial knee arthroplasty). Garden City, New York. June 1 2012**

**MPFL reconstruction and patellofemoral arthroplasty (demonstration) – Masters Course AANA, Chicago Jan 20-21 2012**

**Anterior Knee Pain. Orthopedics for the Primary Care Provider. New York. October 28, 2011**

**Imaging of the Patella. Patellofemoral Symposium. New York, NY Oct 15<sup>th</sup> 2011.**

**Proximal vs. Distal Patella Re-alignment. Patellofemoral Symposium. New York, NY Oct 15<sup>th</sup> 2011. (With J Farr MD, D Green MD, B Shubin-Stein MD, P Schoettle MD)**

**Anterior Knee Pain – Making the Diagnosis. TRIARQ Patello-femoral Pain Symposium. New York, NY. June 14<sup>th</sup> 2011**

**Knee Pain – Causes and Treatment. Grand Rounds, YIA National Institute for People with Disabilities / D. Kaufman, MD. November 17<sup>th</sup>, 2010**

The Role of Nuclear Bone Scans in the Evaluation of Knee and Hip Pain.  
Nuclear Medicine Grand Rounds, Mount Sinai Hospital, November 10<sup>th</sup>, 2010

**Anterior Knee Pain. Orthopaedics for the Primary Care Provider. New York, Oct 30<sup>th</sup> 2010**

“Are You Being Taken for a Ride?” Fraud in the orthopedic knee world.  
Geico presentation, Woodbury NY, June 10<sup>th</sup>, 2010

**Congruous vs Incongruous Patellar Tilt. Annual meeting of the International Patellofemoral Study Group, London, England, April 2010**

**Anterior Knee Pain. Orthopaedics for the Primary Care Provider. New York, Oct 30<sup>th</sup> 2009**



**Should the Patella Ever Be Operated On? American Academy of Orthopedic Surgeons – Controversies in Orthopedics, New York, NY, September 26, 2009**

**Patellar Pain: Making the right diagnosis. The Patella Symposium, New York NY April 25<sup>th</sup> 2009.**

**A Custom Patellofemoral Replacement – Rationale. The Patella Symposium, New York NY April 25<sup>th</sup> 2009.**

**Lesion-aire's Disease. The Patella Symposium, New York NY April 25<sup>th</sup> 2009.**

**Is there an optimal Patellofemoral Replacement design? ISAKOS biennial meeting, Osaka Japan, April 6<sup>th</sup>, 2009.**

**La Chirurgie Inutile. American Association of French Speaking Health Professionals. New York, Jan 22<sup>nd</sup>, 2009**

**Anterior Knee Pain. Orthopaedics for the Primary Care Provider. New York, Oct 31<sup>st</sup> 2008**

**Patella Fractures. Is there an optimal fixation? Annual Advances in Arthritis, Arthroplasty and Trauma, Arlington, VA., Sept 11<sup>th</sup> 2008.**

**Patellofemoral Arthroplasty. Indications and Pitfalls. Annual Advances in Arthritis, Arthroplasty and Trauma, Arlington, VA., Sept 12<sup>th</sup> 2008.**

**Patellar Pain for the Primary Care Physician. New York, November 2<sup>nd</sup> 2007.**

**Patellar Pain and Instability – The Role of the Physiatrist. Northern Valley Rehabilitation Society. Creskill, New Jersey, October 16<sup>th</sup> 2007.**

**La Biomécanique de la Rotule. La Fémoro-Patellaire. Lyon, France. October 5<sup>th</sup> 2007**

**Synthèse sur l'Imagerie Rotulienne. La Fémoro-Patellaire. Lyon, France. October 5<sup>th</sup> 2007**

**Osteochondritis Dissecans (OCD) of the Knee. Top Orthopaedic Controversies. The American Academy of Orthopaedic Surgeons. New York, September 8<sup>th</sup>, 2007**

**The Examination of the Knee. New York University Radiology Meeting, June 25<sup>th</sup>, 2007.**

**The Patella – Hidden Treasures. New York University Radiology Meeting, June 25<sup>th</sup>, 2007.**

**Imaging of Knee and Hip conditions. New York University Radiology Meeting, June 25<sup>th</sup>, 2007.**

**Hip and Knee Replacement X-rays: What the Orthopedist is Looking For. New York University Radiology Meeting, June 26<sup>th</sup>, 2007.**

**Confusing and Misleading Nomenclature in Radiology Reports. New York University Radiology Meeting, June 26<sup>th</sup>, 2007.**

**Happy, Wealthy, and Creaky? How to stay fit after 50. The 92<sup>nd</sup> Street Y Lecture series, April 22<sup>nd</sup>, 2007**

**Patellar Pain and Rehabilitation. Grand Rounds, Dept of Rehabilitation, Mount Sinai Medical Center, February 6<sup>th</sup> 2007**

**The current status of hip and knee replacement surgery. Gaucher support group, New York, December 3<sup>rd</sup> 2006.**

**The Role of Dysplasia in the Pathogenesis of Patellofemoral Arthritis. Patellofemoral Arthritis Symposium, Baltimore MD, November 4<sup>th</sup> 2006**

**Patellofemoral Arthritis. The role of the lateral release. Patellofemoral Arthritis Symposium, Baltimore MD, November 4<sup>th</sup> 2006**

**Treating Patellofemoral Pain with Realignment. Proximal or Distal (Proximal)? 5<sup>th</sup> Annual NYS Society of Orthopaedic Surgeons, New York, NY, October 14<sup>th</sup>, 2006**

**What is a Knee Arthroscopy? Columbia BioEngineering, New York NY, October 11<sup>th</sup> 2006**

**Patellar Pain. Rheumatology Rounds, Mount Sinai Hospital, July 13<sup>th</sup> 2006.**

**The Patella: how far have we gone? 10<sup>th</sup> Meeting of the International Patellofemoral Study Group, Boston, MA, May 6<sup>th</sup> 2006**

**Prevention of ACL injuries in women . Nightingale-Bamford School, January 24<sup>th</sup> 2006.**

**The Diagnosis and Treatment of Patellofemoral Arthritis. Grand Rounds, Mt Sinai Medical Center, New York, NY, October 12<sup>th</sup> 2005.**

**Imaging of the patella. Musculoskeletal Radiology / Sports Medicine Symposium. M. Schweitzer, MD course Director, New York, NY May 20<sup>th</sup> 2005**

**Knee Pain in the future Hall of Famer. CYO Baseball Little League, May 17<sup>th</sup> 2005.**

Patellofemoral pain. Imaging. Resident Conference. April 29<sup>th</sup> , 2005

Patellofemoral pain. Differential diagnosis, the history and physical examination. Resident Conference. April 22<sup>nd</sup>, 2005

R Grelsamer, MD

**Obesity and Patellofemoral Pain. International Patellofemoral Study Group meeting. Lausanne, Switzerland, April 14<sup>th</sup> , 2005**

The Unusual Hip Replacement. Resident conference, February 9<sup>th</sup> 2005.

Repetitive Stress Conditions about the Knee. 92<sup>nd</sup> Street Y, Lecture Series. New York, NY November 16<sup>th</sup> 2004.

**Isolated patellofemoral arthritis – The Case for Patello-femoral replacement surgery. 3<sup>rd</sup> Annual NYS Society Orthopaedic Surgeons Symposium. Controversies in Orthopaedic Surgery: What's Hot and What's Not. November 6<sup>th</sup> 2004.**

Medico-legal principles. . Resident conference, November 1<sup>st</sup> 2004

Principles of Knee Replacement Surgery. Resident conference, October 8<sup>th</sup> 2004

Biomaterials and Biomechanics. Resident conference, October 8<sup>th</sup> 2004

Confusing nomenclature in Knee Imaging. Radiology conference Maimonides Medical Center, New York NY, September 24<sup>th</sup> 2004.

Osteonecrosis of the hip and knee. Resident conference, August 27<sup>th</sup>, 2004.

Examination of the knee. Resident conference, July 9<sup>th</sup>, 2004.

Examination of the hip. Resident conference, July 30<sup>th</sup>, 2004.

Principles of Unicompartmental arthritis – workup and osteotomy. Resident conference, June 18<sup>th</sup>, 2004.

Principles of Hip replacement surgery. Resident conference, January 26<sup>th</sup>, 2004.

**Anterior Knee Pain – Making the Right Diagnosis. EBI Sports Medicine Forum, Parsipanny New Jersey, January 23<sup>rd</sup> 2004.**

**Indications for the Lateral Retinacular Release. EBI Sports Medicine Forum, Parsipanny, New Jersey, January 23<sup>rd</sup> 2004.**

High Tibial Osteotomy. Resident conference December 26, 2003

Lower limb alignment. Resident conference November 28<sup>th</sup> 2003

**Patella alta and patellofemoral replacement surgery. International Patellofemoral Study Group, Naples, Fl, October 25<sup>th</sup> 2003.**

R Grelsamer, MD

Patellar pain and instability. Evaluation. Resident conference August 8<sup>th</sup> 2003

The biomechanics of the hip. Resident conference July 19<sup>th</sup> 2003

**Patellar pain and instability. Orthopedic Maine Review Course, June 27<sup>th</sup> 2003.**

**Unicompartmental Knee Arthritis. Orthopedic Maine Review Course, June 27<sup>th</sup> 2003.**

**The Adolescent Knee – Caring for the Child with Neuro-Muscular Disorders, Maimonides Medical Center, June 4<sup>th</sup> 2003.**

**BioEngineering and Orthopaedic Surgery – Brown University – BEAM award presentation. May 25<sup>th</sup> , 2003, Providence, RI.**

**Normal Arthroscopic Anatomy of the Knee. Orthopedics and Sports Imaging, Javier Beltran, Course Director, New York, NY April 4 2003.**

**Femoropatellar joint: Imaging and Surgical Aspects. Orthopedics and Sports Imaging, Javier Beltran, Course Director New York, NY April 4 2003.**

Principles of Hip Replacement Surgery. Resident Conference March 24<sup>th</sup> 2003

Tibial Osteotomies and Unicompartmental Knee Replacement surgery. Resident conference, March 3<sup>rd</sup>, 2003

**Are all Unicompartmental Replacements the same? Hospital for Special Surgery Holiday Course (R. Laskin MD Course Director), New York NY, December 5<sup>th</sup> 2002.**

**Is there a place for Patellofemoral Replacement Surgery? Hospital for Special Surgery Holiday Course (R. Laskin MD Course Director), New York NY, December 4<sup>th</sup> 2002.**

**The Tower of Babel. Nomenclature in the field of patellofemoral pain and surgery. Symposium on Patellofemoral Replacement Surgery. Washington, D.C. November 2<sup>nd</sup> 2002.**

**Patellar Tilt – an MRI Study. Biennial meeting of the European Society for Sports Medicine, Rome April 27<sup>th</sup> 2002.**

**Imaging of the Patella. The Patella Course, sponsored by the International Patellofemoral Study Group, Rome April 23<sup>rd</sup> 2002.**

**Patellar Tilt – an MRI Study. The International Patellofemoral Study Group, Rome April 22<sup>nd</sup> 2002.**

**Lower extremity injuries in the athlete. Panel discussion. Annual Meeting of the Greater New York Chapter American College of Sports Medicine, New York, NY. December 2<sup>nd</sup> 2001.**

**Hip and Knee conditions for non-orthopedists. Maimonides Medical Center. Medicine Grand rounds. August 8<sup>th</sup> 2001.**

**Principles of Unicompartmental Arthritis and Patellar Pain. Maine Review Course. Colby College, July 3<sup>rd</sup> 2001.**

**The Patella – Current Concepts. Grand Rounds. Saint Vincent’s Medical Center, New York, NY. April 25<sup>th</sup> 2001.**

**The Adolescent Knee. Pediatric symposium. Maimonides Medical Center, January 9<sup>th</sup> 2001.**

**Current Concepts of Patellar Pain. Hopital Cantonal (Preparation for the Cours E). Geneva, Switzerland. November 24<sup>th</sup> 2000.**

**Patellar tilt and facet tenderness – an accurate sign of patellar malalignment. The Patellofemoral Study Group. Munich, Germany. September 24<sup>th</sup> 2000.**

**Hip and Knee Conditions for the non-orthopedist. Medical Grand Rounds. Maimonides Medical Center. August 16<sup>th</sup> 2000.**

**Unicompartmental Arthritis. Maine Review Course. June 28<sup>th</sup>, 2000.**

**Patellar Pain and Instability. Maine Review Course. June 28<sup>th</sup>, 2000.**

**ACL injuries – Current Concepts. Resident lecture series. December 2, 1999.**

**Basic Science aspects of patellar rehabilitation. Greater New York Chapter of the American College of Sports Medicine. Annual Meeting. November 20<sup>th</sup>, 1999.**

**The Patella – Current Concepts. Meeting of the Norwegian Sports Medicine Society, Stavanger, Norway. November 4<sup>th</sup> 1999.**

**A Q Angle for the 21<sup>st</sup> Century. International Patellofemoral Study Group. Annual Meeting. San Francisco, September 21<sup>st</sup>, 1999.**

**Unicompartmental Arthritis: Work-up and Treatment Options. Maine Review Course. June 24<sup>th</sup> 1999.**

**Imaging of the Patella. Réunion sur la Fémoro-Patellaire. Marseilles, France. June 17-18 1999.**

**The Tibia Tuberosity angle - a Q Angle for the 21st Century. ISAKOS biennial meeting. Washington, DC May 31st 1999.**

**What your knee doctor doesn't want you to know! Guardian of the Sick, Brooklyn NY. May 10th 1999.**

**The Adolescent Knee. Pediatric Orthopedic Symposium. Maimonides Medical Center. May 11th 1999.**

**Current Concepts of Patellar Pain. Grand Rounds, Boston University, Boston, May 3rd 1999.**

**The Biomechanics of the Patella. Journées d'Orthopédie de Fort de France. Martinique, March 10th 1999.**

**The Rehabilitation of the Patella. Journées d'Orthopédie de Fort de France. Martinique, March 10th 1999.**

**The Natural History of Patella Subluxation. Journées d'Orthopédie de Fort de France. Martinique, March 10th 1999.**

**The Patella: the orthopedist's perspective. Advanced Physical Therapy Course. Ortho-Ed (San Diego, CA), New York, NY, November 22nd 1998.**

**Exertional compartment syndromes and other overuse conditions in athletes. Greater New York Chapter of the American College of Sports Medicine. Annual Meeting. November 21st 1998.**

**Maimonides Medical Center Resident conference. May 7th 1998.**

**Office Imaging of the Patella. Instructional Course Lecture. Annual meeting of the American Academy of Orthopaedic Surgeons. New Orleans. March 19th 1998.**

**ACL Surgery: When can the athlete return to competition? Olympic Sports Writers Conference. New York, January 27th 1998.**

**What's new with the patella? Greater New York Chapter of the American College of Sports Medicine. Annual Meeting. November 21st 1997.**

**What's new with the patella? Grand Rounds. Columbia Presbyterian Medical Center. New York, NY. September 11th 1997.**

**The Knee: when to treat, when to refer. Primary care conference. Maimonides Medical Center. September 5th 1997.**

**What's new with the patella? Grand Rounds. Mount Sinai Medical Center. New York, NY.**

**September 3rd 1997.**

**Office Radiology of the Patella. Instructional Course Lecture. Annual meeting of the American Academy of Orthopaedic Surgeons. San Francisco, February 15th 1997.**

**The Writing Team - The doctor's perspective. Writers' Symposium for Physicians and Other Medical Professionals sponsored by the American Society of Journalists and Authors. New York, NY. October 19th, 1996.**

**Patellar Tracking: how the choice of coordinates affects results. Annual meeting of the International Patellofemoral Study Group, Interlaken, Switzerland, October 1st 1996.**

**Is there still a place for in-vitro testing of the patella? W. Muller Knee Course, Interlaken, Switzerland, September 29th 1996.**

**Controversies in cemented total hip replacement surgery. Maimonides Grand Rounds. March 8 1996.**

**The Iliotibial band has a small but significant effect on patellofemoral contact area. Annual meeting of the American Academy of Orthopaedic Surgeons. Atlanta, February 26th 1996.**

**Summary of recent findings from the Knee section of the Columbia Orthopaedic Research Laboratory. First Meeting of the Patellofemoral Study Group, Benodet France September 20th 1995.**

**Exercise and Arthritis. YMHA / Arthritis Foundation. New York, NY May 18th 1995**

**Orthopedics for Primary Care. CME rounds. Beth Israel North, New York NY March 9th 1995.**

**Patellar Imaging. Grand Rounds - Division of Orthopaedic Surgery, Beth Israel North, New York NY, February 23rd 1995.**

**The medial-lateral position of the patella - when is "normal" not normal? The American Academy of Orthopaedic Surgeons, Annual Meeting. Orlando, Florida. February 21st 1995.**

**Advances in Biomechanics and Imaging. In "New Concepts in the Treatment of the Patellofemoral Syndrome". American College of Sports Medicine. November 19th 1994.**

**The Patella: Surgical controversies. In "The Athlete's Knee", American College of Sports Medicine. November 19th 1994.**

**The Patella: Current Concepts. Physician's Assistants Regional Meeting, Albany NY October 11th 1994.**

R Grelsamer, MD

The Patella: Current Concepts. Physician's Assistants Regional Meeting, Brooklyn NY  
November 10th 1994.

Anterior Knee Pain: A Preventable Condition? The Female Athlete - Symposium. Columbia-  
Presbyterian Medical Center. May 2nd 1994

Diagnostic Imaging of the Patella. Instructional Course Lecture. Annual Meeting of the  
Arthroscopy Association of North America. Orlando, Florida. April 28th 1994.

The Biomechanics of the Patella - Relevance to Rehabilitation. The Patella : Controversies in  
Patellar Rehabilitation. New York, NY April 16th 1994.

The Radiology of the Patella. The Patella : Controversies in Patellar Rehabilitation. New York,  
NY April 16th 1994.

The Patella - Current Concepts. The Hospital for Special Surgery, New York, NY,  
March 31 st 1994

The Patella: The physical exam and rehabilitation. Department of Rehabilitation Medicine. St.  
Vincent's Medical Center. NY, NY. February 2nd 1994.

Laser Physics and Safety. St.Peters Hospital, New Brunswick NJ. January 25th 1994.

Laser Physics and Safety. Grand Rounds. Valley Hospital, Ridgewood, NJ. December 14th 1993.

Non-Operative Treatment of the Patella. Current Concepts. American College of Sports  
Medicine. New York NY November 21st 1993.

What's new in osteoporosis? American College of Sports Medicine. New York NY November  
21st 1993.

The Biomechanics of Patellar Rehabilitation. Department of Physical Therapy. Columbia-  
Presbyterian Medical Center, NY. November 18th 1993

Biomechanics of the Patella - Current Studies. Presentation to the Orthopaedic Research  
Laboratory - Johns Hopkins, E. Chao PhD Director. October 28th 1993.

The Bo Jackson Syndrome. What you can really do after joint replacement surgery. East Side  
lecture series. New York NY October 25th 1993.

Decision-making in Patellar Surgery. Morris County Orthopaedic Meeting. Morristown New  
Jersey, October 6th 1993.

New Biomechanics of the Patella. Troisième Journée Franco -Suisse. Geneva, Switzerland  
September 23rd 1993.



R Grelsamer, MD

The Patella: Hidden Treasures of Plain Radiographs. Pete Fowler Club, First Annual Meeting. May 1st 1993

Patellar Tilt - A roentgenographic analysis. First Annual Congress of the European Orthopaedic Society. Paris, France, April 24th 1993.

The Double Crush Syndrome of the Patella. Annual Meeting of the New York - New Jersey Orthopaedic Societies, April 21 1993.

"Chondromalacia" - a Preventable Condition. Symposium on Baseball Injuries. Yankee Stadium NY, April 18th 1993.

Surgical Anatomy of the Pes - Application to ACL surgery . Anatomy lecture series, Columbia-Presbyterian Medical Center April 1st 1993.

Anabolic and catabolic markers of OA in human synovial fluids (A. Ratcliffe PhD.), Orthopaedic Research Society Annual Meeting, San Fransisco February 17th 1993.

Indications for Unicondylar Knee Replacement Surgery. New York Academy of Medicine, New York NY, December 7th 1992.

Unicondylar Knee Replacement Surgery - Indications and Techniques. Grand Rounds, St.Lukes-Roosevelt Medical Center, November 12th 1992.

Hidden Treasures of the Plain Radiograph. Syposium: The Patella - controversies and solutions, New York NY, November 6th 1992.

Patello-femoral arthroplasty. Symposium: The Patella - controversies and solutions. New York NY, November 6th 1992.

Laser Physics and Safety. Mercy Hospital, Rockville Center NY. October 31st 1992

CT Evaluation of an Intra-Operatively Customized Hip Stem. The 5th Annual Meeting of the International Society for the Study of Custom Implants. London October 2nd 1992

Biomechanics of the Patella. Taiwan Arthroscopy Association. Taipei August 15th 1992.

Exercise and Arthritis. The New York Chapter of the Arthritis Foundation. June 30th 1992.

The Use of an Intra-Operatively Customized Hip Stem. Presentation to British ABC Traveling Fellows. June 7th 1992.

Our Experience with an Intra - Operatively Customized Hip System. New York - New Jersey Orthopaedic Societies Annual Meeting. April 11th 1992.

R Grelsamer, MD

Meniscal Degeneration in a Canine Model of an ACL Resection. Symposium on meniscal transplantation. Washington DC February 22nd 1992.

Aseptic Revision of Failed Total Hip Arthroplasty, American Academy of Orthopaedic Surgeons, Washington DC, February 20th 1992.

Laser Physics. Monmouth Medical Center, January 29th 1992.

The Radiological Evaluation of Patellar Tilt - Clinical Correlation, Annual Alumni Meeting, The Hospital for Joint Diseases Orthopaedic Institute, October 25th 1991

Athletic Knee Injuries, East 61st Lecture Series, October 15th 1991

Current Status of Meniscal Welding, Lasers in Arthroscopy, San Francisco CA September 27th 1991.

The Rationale for an Intra-Operatively Customized Hip Stem, The HIP Society, Annual Meeting, New York NY September 20th 1991.

The Exam, Radiology and Surgery of the Patella. Presentation to the Orthopaedic Research Laboratory of the Columbia-Presbyterian Medical Center, New York NY September 10th 1991.

Exercise and Arthritis. The Arthritis Foundation. New York, June 3rd 1991.

Patellar Tilt - A Radiographic Sign of Patellar Malalignment. International Society of the Knee. Toronto, Canada, May 16th 1991 -

Exercise - Is there a correlation with arthritis and/or osteoporosis? Paulen and Austen Fitness Center, May 15th 1991.

Patello-femoral Arthroplasty. Annual Meeting of the New York - New Jersey State Orthopaedic Societies, Orlando Florida April 15th 1991.

Long Term Results of the Charnley Total Hip Arthroplasty, Hip Replacement Symposium, Marco Island, Florida April 12th 1991.

Keys to Clinical Success in Total Hip Arthroplasty, Hip Replacement Symposium, Marco Island, Florida April 12th 1991.

Patellar Tilt - A Radiographic Sign of Patellar Malalignment. American Academy of Orthopaedic Surgeons Annual Meeting, Anaheim, California, March 15, 1991  
Can Exercise Cause or Prevent Arthritis? - East 61st Street Lecture Series, New York, NY January 29th 1991

R Grelsamer, MD

Laser Ablation of PMMA: Comparison of three wavelengths - International Society of Optical Engineers, San Diego, California, January 8, 1991 (with J. Garino, M.D.)

The Lateral Trochlear Sign - Femoral Trochlear Dysplasia as seen on a plain lateral x-ray - Alumni Program, Hospital for Joint Diseases, New York, NY, October 26, 1990.

Exercise and Arthritis: Is There a Connection? Arthritis Foundation, New York, New York, December 3, 1990

Patellar Morphology in the Sagittal Plane - Clinical Correlation - Societe Francaise de Chirurgie Orthopedique et Traumatologie, Annual Meeting, Paris, France, November 15, 1990

The Lateral Trochlear Sign: Femoral Trochlear Dysphasia as Seen on a Plain Lateral Radiograph - Southern Orthopaedic Association Annual Meeting, Nashville, Tennessee, October 29, 1990

Radiology and Surgery of the Patella, Grand Rounds, Department of Orthopaedic Surgery - Columbia-Presbyterian Medical Center, September 6, 1990

The Lateral Trochlear Sign: Femoral Trochlear Dysplasia as Seen on a Plain Lateral Radiograph. Alabama State Society of Orthopaedic Surgeons, (with Jeffrey Tedder MD) May 6th 1990

Patellar Morphology in the Sagittal Plane: Clinical Correlation. New York - New Jersey Orthopaedic Society. Annual Meeting, Antigua, April 18th 1990

The Lateral Trochlear Sign: Femoral Trochlea Dysplasia as Seen on a Lateral X-ray, New York - New Jersey Orthopaedic Society, Annual Meeting, Antigua, April 18, 1990.

Patellar Morphology in the Sagittal Plane: Clinical Correlation. American Academy of Orthopaedic Surgeons Annual Meeting, New Orleans, February 13, 1990.

Medical Complications of Joint Replacement Surgery, Society of Family Practitioners, New York, New York, December 22, 1989.

Unicompartmental Knee Replacement Surgery - Indications and Surgical Pitfalls, Grand Rounds - Department of Orthopaedic Surgery, Columbia-Presbyterian Medical Center, October 12, 1989

Unicompartmental Knee Replacement surgery: goals and technique. University of Vermont Course on Total Hip and Knee Arthroplasty. Stowe, Vermont, October 2, 1989

Heterotopic Ossification following hip replacement surgery. University of Vermont Course on Total Hip and Knee Arthroplasty. Stowe, Vermont, October 3, 1989.

Special indications for unicompartmental knee replacement surgery.

R Grelsamer, MD

University of Minnesota Course Knee Arthroplasty ,Steamboat Springs, Colorado, July 30th 1989.

"A uni is not half a total knee": techniques in unicompartmental knee replacement surgery. University of Minnesota Course Knee Arthroplasty Steamboat Springs, Colorado July 30th 1989.

A comprehensive approach to the patella. Rheumatology Grand Rounds, Cabrini Medical Center, New York, New York, June 24th 1989.

Hip fractures and their rehabilitation. Grand Rounds, Department of Rehabilitation Medicine, Beth Israel Medical Center, New York, New York, May 26, 1989.

Patellar Morphology in the Sagittal Plane - Clinical Correlation. Meeting of the International Knee Society, Rome, Italy, May 12, 1989.

Radiology and Surgery of the Patella, Orthopaedic Grand Rounds, Catholic Medical Center, New York, New York, May 3, 1989.

Radiology and Surgery of the Patella, Orthopaedic Grand Rounds, Cabrini Medical Center, February 24, 1989.

Comprehensive Approach to Patellar Pathology, Orthopaedic Grand Rounds, Bronx-Lebanon Medical Center, New York, New York, January 31, 1989.

Current Status of Knee Surgery, Cabrini Medical Center, New York, New York, Rheumatology Grand Rounds, January 19, 1989.

Unicompartmental Knee Replacement versus High Tibial Osteotomy, Hospital for Joint Diseases, January 11, 1989.

The Radiology and Surgery of the Patella, St.Luke's Hospital, New York, New York, Department of Orthopedic Surgery Grand Rounds, January 5, 1989.

Principles and Techniques of Hip and Knee Replacement Surgery, Hunter College Department of Physical Therapy, November 29, 1988. New York, October 12, 1988.

Exam, Radiology and Surgery of the Patella, Hospital for Joint Diseases, New York, New York, September 14, 1988.

Medical Complications after Joint Replacement Surgery, Medical Grand Rounds, Beekman Downtown Hospital, February 2, 1988.

Medical Complications after Joint Replacement Surgery, Rheumatology Grand Rounds, Cabrini Medical Center, November 5, 1987.

R Grelsamer, MD

Rehabilitation after Joint Replacement Surgery, Grand Rounds,  
Department of Rehabilitation Medicine Beth Israel Medical Center,  
September 8, 1987.

Complications of Total Hip Replacement Surgery, CME Series, Doctors Hospital, New York,  
New York, June 11, 1987.

Five to Nine Year Radiologic Review of 57 Total Hip Replacements Performed in 1976 - 1977.  
American Academy of Orthopaedic Surgeons, Annual Meeting, New Orleans, La., January 24,  
1986.

Prognostic Significance of an Initial Radiolucency in Total Hip Replacement Surgery, Alumni  
Meeting of the New York Orthopaedic Hospital, April 1985.

Trends in Orthopaedic Materials - Carbon and Stress Protection. Richards Orthopaedic  
Residents' Conference, Memphis, Tenn., August 1983.

Trends in Orthopaedic Materials - Carbon and Stress Protection. Residents' Night at the New  
York Academy of Medicine, May 1983.

### **Exhibits / Posters**

- The Role of Preservation of Subchondral Bone in Total Hip Replacement Surgery, American  
Academy of Orthopaedic Surgeons, Las Vegas Nevada February 1985.

- Temperature Rise in Bone with Laser Vaporization of Methylmethacrylate. American Society  
for Laser Medicine and Surgery, Annual meeting San Francisco April 10-13, 1987.

- Biomechanics of the Canine Hip - a Three-Dimensional Mathematical Model, Orthopaedic  
Research Society, Las Vegas, Nevada, February 1989.

- Temperature Rise in Bone with Laser Vaporization of Methylmethacrylate. Orthopaedic  
Research Society, Las Vegas, Nevada, February 1989.

- The Lateral Trochlear Sign - The Dysplastic Trochlea as Seen on a Plain Lateral  
X-ray. Southern Orthopaedic Association Annual Meeting, Arlington, Va., November  
1989.

- The Lateral Trochlear Sign - The Dysplastic Trochlea as Seen on a Plain Lateral  
X-ray. American Academy of Orthopaedic Surgeons, Annual Meeting, New Orleans,  
February 1990.

- The Radiographic Analysis of Patellar Tilt. Combined meeting of the American and Japanese  
Sports Medicine Societies, Kauai, Hawaii, January 21-25 1991.

- The Radiographic Analysis of Patellar Tilt. American Academy of Orthopaedic Surgeons Annual Meeting, Washington D.C. February 20th 1992.
- The Effects of ACL Transection on the Biomechanical Properties and Biochemical Composition of the Canine Meniscus (PM Newton, BJ McKinley, V Hilbiczuk, LA Setton, VC Mow). Orthopaedic Research Society - Annual Meeting, San Francisco, February 1993
- Cartilage Thickness and Contact Area Determination in the Canine Knee Joint. (DS Kwak, PM Newton, LA Setton, VC Mow), Orthopaedic Research Society - Annual Meeting, San Francisco, February 1993
- Contact Area Measurements in Diarthrodial Joints: A Comparison with a New Stereophotogrammetry method (GA Ateshian, DS Kwak, LJ Soslowsky, VC Mow), Orthopaedic Research Society - Annual Meeting, San Francisco, February 1993
- Biphasic Finite Deformation - Material Properties of Bovine Articular Cartilage. (W. Warden, G.A. Ateshian, R.P. Grelsamer V.C. Mow) Orthopaedic Research Society - Annual Meeting, New Orleans, February 1994.
- The medial-lateral position of the patella - when is "normal" not normal? American Academy of Orthopaedic Surgeons - Annual Meeting. Orlando, Florida, February 1995.
- The "double crush" syndrome of the patella. American Academy of Orthopaedic Surgeons - Annual Meeting. Orlando, Florida, February 1995.
- In vivo and in vitro knee joint cartilage topography, thickness, and contact areas from MRI (Z. Cohen, D. McCarthy, G Ateshian, D Kwak, C Peterfy, P Alderson, R Grelsamer, J Henry, V Mow). Orthopaedic Research Society - Annual Meeting. Transactions of the ORS p.625. San Francisco, February 1997.
- Adhesive contracture of the patellar ligament: effect of patellar and tibial kinematics and contact. Orthopaedic Research Society - Annual Meeting. Transactions of the ORS p. 716. San Francisco, February 1997.

### **Course Director/Moderator/Instructor**

- AAOS Summer Institute. Instructor - MOD III Richards --Unicompartmental Replacement. San Diego, September 1988
- University of Pennsylvania course on surgery of the hip and knee, Miami Florida, November 11, 1988. Instructor in Unicompartmental knee replacement.
- AAOS course on surgery of the arthritic knee, instructor for Richards Mod III unicompartmental replacement, December 1, 1988.

- American Academy of Orthopaedic Surgeons. Instructor for Mod III Richards unicompartamental knee replacement. Las Vegas, February 1989
- **Course Director:** Issues in Primary Total Hip Replacement Surgery, Columbia University, May 15-16 1992
- **Course Director.** The Patella - Controversies and Solutions. New York NY November 6th 1992.
- **Course Director.** The Challenge of the Patella . New York, NY April 16th 1994.
- The Masters Experience. Instructor. Knee Arthroscopy Course of the Arthroscopy Association of North America, Chicago IL July 8 and 9 1995.
- **Course Director.** Stingers, Burners, Fractures. When can the spine-injured athlete return to competition? Sponsored by the American College of Sports Medicine. New York NY October 11th 1995.
- **Course Director.** The Patella: Controversies and Solutions. New York, October 5th 1997.
- **Co-Host** (with J Fulkerson, MD) of the 3rd Annual Meeting of the International Patellofemoral Study Group. New Preston, Connecticut. October 6-8 1997.
- **Course Director.** Instructional Course Lecture. The Patella - A New Era. Annual meeting of the American Academy of Orthopaedic Surgeons. Anaheim, CA February 5th 1999
- **Moderator for the Hip Section.** Yearly meeting of the SOFCOT (French Orthopedic Society). Paris, France. November 10th 2000.
- **Course Director.** Women's Health and Fitness (Greater New York chapter of the American College of Sports Medicine). April 6th 2002
- **Moderator.** Patellar Instability. The International Patellofemoral Study Group, Rome April 22nd 2002.
- **Moderator.** Patellofemoral Replacement Surgery. Annual meeting of the International Patellofemoral Study Group, Capetown, South Africa, October 24th 2008
- **Course Director.** The Patella Symposium. New York NY, April 25th 2009.
- MPFL reconstruction and patellofemoral arthroplasty – Masters Course. Arthroscopy -- Association of North America, Chicago, April 12-13 2013.
- Instructor Masters Course AANA – Patellofemoral course Chicago, Jan 20-21 2012.

### **Journal Reviewer for** (since 2015 - partial)

The Journal of Bone and Joint Surgery (Marlex mesh for extensor mechanism disruption 2017, MPFL review 2017, patellar resurfacing in TKR 2018)

Clinical Orthopaedics and Related Research (patellar instability after TKR 2016, patellar fracture fixation, tibial tuberosity lowering simulation 2019)

Journal of Arthroscopy (bidirectional patellar instability 2015, MPFL fixation 2017)

The American Journal of Sports Medicine (Chondromalacia 2014, Trochlear inclination 2015, MPFL technique (two) 2015, J sign analysis 2016, femoral torsion 2016, MPFL tension 2018, MPFL arthroscopic technique 2018, MPFL rehab 2018, J sign analysis 2019)

Orthopedic Journal of Sports Medicine (MPFL gracilis reconstruction 2019, MPFL suture fixation technique 2019)

The Journal of the American Academy of Orthopaedic Surgeons.

The Bulletin of the Hospital for Joint Diseases

R Grelsamer, MD

Journal of Orthopaedic Research  
Clinical Anatomy  
Case Reports in Orthopedics

## **Book Review Pre-Publication**

Orthopaedic Basic Science, 2nd ed. [Pharmacology of anticoagulation] Buckwalter J, Einhorn T, Simon S. 1999

## **Book Review Post-Publication**

Total Knee Arthroplasty. Laskin R.  
Surgery of the Knee. Insall and Scott (2001)

## **Miscellaneous**

Member of the **Subcommittee on the Hip, Knee, and Adult Reconstruction Evaluation** (American Academy of Orthopaedic Surgeons) with preparation of the 1992, 1995 and 1998 Adult Reconstruction Self-Assessment Examination.

## **Published Symposia**

Alternatives in the Treatment of Patella Problems. (With JP Fulkerson, MD and PA Kolowich, MD). Contemporary Orthopaedics. April 1996 pp.251-264.

## **Patent**

Patent #6,620,199. Device for reinforcing bone during partial knee replacement surgery.  
Patent # 6,740,057 External device diminishing odds of patient disengaging hip replacement

## **Media Appearances**

NBC The Today Show with Katie Couric. 'Osteoarthritis'. March 4th 1996.  
ABC Eyewitness News. 'Knee injuries in teenagers'. June 24th, 30th 1996.  
USAToday. Sports Medecine 'Phonathon'. Washington D.C. July 17th 1996.  
Fox TV. Good Day New York. 'Breaking bones'. July 10th 1997.  
L TV. Diagnosing knee pain. August 23rd 2004  
Plum TV. Diagnosing knee pain. August 30th 2004  
CBS TV with David Marks, MD: Preventing ACL injuries in women. April 26th 2005.  
CBS TV Evening News with David Marks, MD. Unnecessary arthroscopic surgery. June 8th 2005  
CBS TV Evening News with Sean Hennessey. Sports creams in athletes. The hidden dangers.



June 8<sup>th</sup> 2007.

WABC Good Morning America. The risks of Marathon Running. November 4<sup>th</sup> 2007

WABC Good Morning America. B12 and lidocaine injection in athletes. January 6<sup>th</sup> 2008.

WCBS. The Early Show. Winter Walking Tips December 30<sup>th</sup> 2008

## **Translations.**

Cervical Spine Instability. C. Argenson

Phusuline absorbable screws. Phusuline

LARS synthetic ACL ligament. LARS

Radiographic evaluation of total knee replacement. JL Rouvillain

Arthroscopic lysis for the stiff total knee replacement. P Christel

Evaluation of ACL instability with the Telos system. V Chassaing

## **Abstracts**

Grelsamer RP, Eftekhari NS; Natural History of Radiolucencies in Total Hip Replacement Surgery. A five to nine year follow-up of Charnley total hip replacements. Orthopaedic Transactions Fall 1987.

Grelsamer RP, Choy DSJ, Spivak J: Temperature Rise in Bone with Laser Removal of Bone Cement, Orthopaedic Research Society, Transactions of the 35th Annual Meeting p224 1989.

Grelsamer RP: Patellar Morphology in the Sagittal Plane - Clinical Correlation. Orthop. Trans. 14:617 Fall 1990.

Grelsamer RP, Proctor C, Bazos AN: Etude de la Morphologie Rotulienne sur Radiographie de Profil avec Correlation Clinique. Rev. Chirur. Orthop. Vol.77 (suppl.1) p.159 1991.

**END**