



American Board of Orthopaedic Surgery

*Establishing Education & Performance
Standards for Orthopaedic Surgeons*

2018

Update from the ABOS



Topics For Discussion

1. Background / History
2. Board Certification
3. Maintenance of Certification
 - a) ABOS Web-Based Longitudinal Assessment (**ABOS WLA**)
4. Examination Blueprints
5. Communication – www.mycertifiedorthopaedicsurgeon.org



Background



HISTORY



American Medical Association (AMA) – 1847



American Orthopaedic Association (AOA) – 1887

1933



1934

American Academy
of
Orthopaedic Surgeons



*'Quality
and
Competence'*

American Board
of
Orthopaedic Surgery





ABOS Priorities

- Lifelong Certification Process that promotes continuous learning to improve patient care
- Respect the unique nature of each surgeon's practice
- Goal: safe, ethical, and effective practice to serve our patients, our profession, and the public



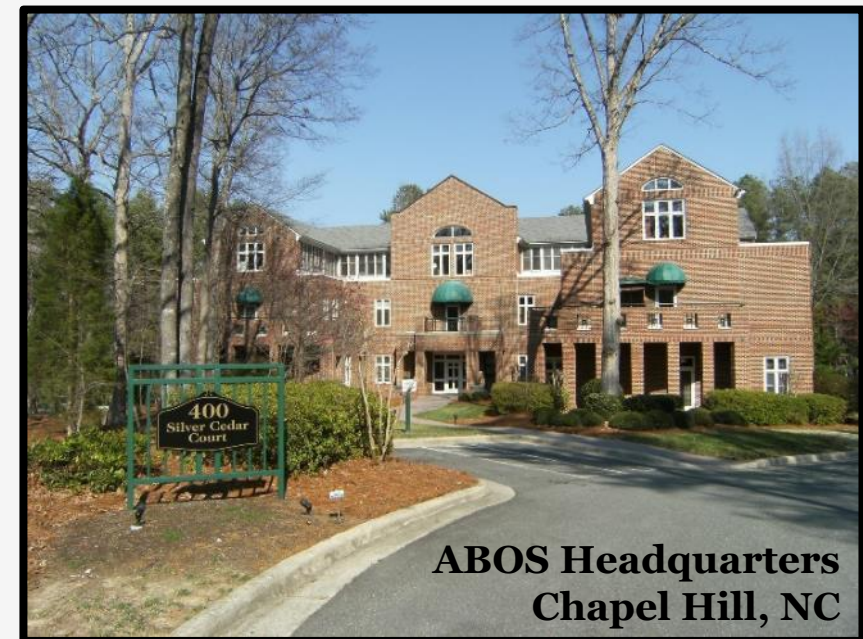
ABOS Composition – Who is the ABOS?

Board of Directors

- 21 Member Board (National/Voluntary)
- 2 Directors-Elect (one year term)
- 12 Directors (six year term)
- 6 Senior Directors (three year term)
- 1 Public Member (three year term)

Full Time Staff - Chapel Hill

- Executive Medical Director
 - David F. Martin, MD
- Chief Operating Officer
 - Aaron S. White
- 11 Staff Members
 - Examination/Credentialing/Communications/IT
- Advisors: Legal, IT, Web, Psychometrics





Where Do ABOS Directors Come From?

Nominating Societies:

- 1) American Academy of Orthopaedic Surgeons (**AAOS**)
- 2) American Orthopaedic Association (**AOA**)
- 3) Council on Education of the American Medical Association (**AMA**)

Each organization provides nominees two years out of a three year cycle.





2017-2018 ABOS Leadership

- President Douglas W. Lundy, MD
- Vice President Charles L. Saltzman, MD
- President-Elect Rick W. Wright, MD
- Secretary Joshua J. Jacobs, MD
- Treasurer Frederick M. Azar, MD

2017-2018 ABOS Directors (21)

- 17 Academic/3 Private Practice/1 Public
- Diversity
- Subspecialty/Geographic Distribution
- Volunteer – 30 days/year

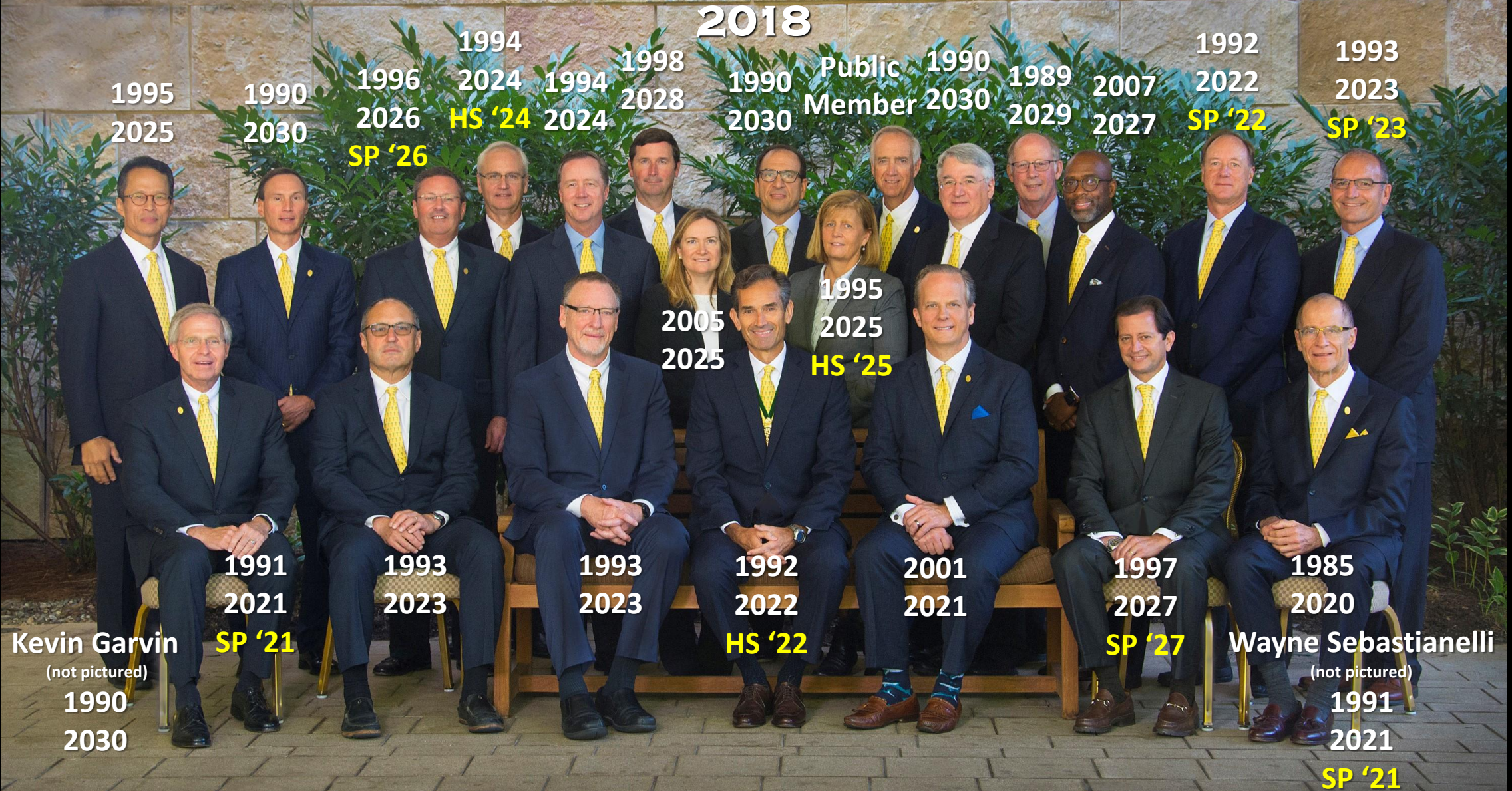
AMERICAN BOARD OF ORTHOPAEDIC SURGERY
RALEIGH, NORTH CAROLINA
2018



AMERICAN BOARD OF ORTHOPAEDIC SURGERY

RALEIGH, NORTH CAROLINA

2018



1995
2025

1990
2030

1996
2026
SP '26

1994
2024
HS '24

1994
2024

1998
2028

1990
2030

Public
Member

1990
2030

1989
2029

2007
2027

1992
2022
SP '22

1993
2023
SP '23

2005
2025

1995
2025
HS '25

1991
2021

SP '21

1993
2023

1993
2023

HS '22

1992
2022

2001
2021

1997
2027

SP '27

1985
2020

Kevin Garvin

(not pictured)

1990
2030

Wayne Sebastianelli

(not pictured)

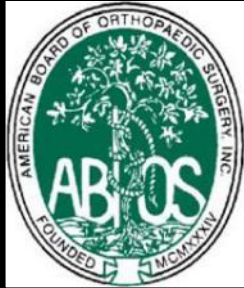
1991
2021

SP '21



Board Certification

Pathways to Orthopaedic Certification



Part I (pass rate 89-94%)

- Written exam taken July after graduation (ACGME Residency)
- To sit you need basic minimum requirements (Credentials Committee)



Part II (pass rate 88-92%)

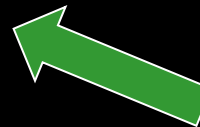
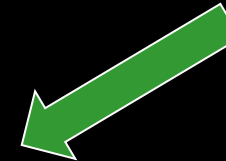
- Oral exam based on practice (20 months in one location)
- Taken 2 years after successfully passing part I (Credentials Committee)



**Maintenance of Certification
(MOC)
(10 year cycle)
Continuous Certification Process**



**Subspecialty
Certification**
Hand (est. 1989)
Sports Medicine (est. 2007)



**Lifetime Certificate
Holders**
Lifetime Board Certification





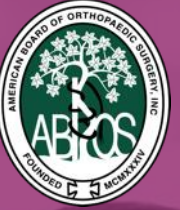
ABOS Diplomates

Diplomates **~29,000 total**

- **Time Limited Certificate Holders** **~18,500**
 - **Participating in MOC: 97%**

- **Time Unlimited Certificate Holders** **~10,500**
 - **Participating in MOC: 7%**

- **Subspecialty Certification**
 - **Surgery of the Hand Certificate Holders:** **~1800**
 - **Orthopaedic Sports Medicine Certificate Holders:** **~2300**
 - **Both Subspecialty Certificates** **37**



Maintenance of Certification (MOC)



Maintenance of Certification (MOC)

- Medicine has the privilege of self-regulation
 - Ensure that standards are met
 - Educational standards
 - Residency standards
 - Practice standards
- Lifetime Certification *does not* guarantee competence
- Certification and Recertification are associated with:
 - improved patient care
 - greater adherence to practice guidelines
 - fewer state board disciplinary actions
 - less costly care

Gray BM, et al. JAMA 2014

ABOS Maintenance of Certification 2018



- **Professional Standing:** Unrestricted License/Privileges
- **Continuing Medical Education:** 240 CME/40 SAE
- **Knowledge Assessment:** Proctored Examination
General, Spine, Adult Reconstruction, Pediatrics, Trauma, Foot & Ankle, Shoulder & Elbow, Surgery of the Hand, Sports Medicine, Oral
- **Practice Improvement:** Peer Review / Case List

TEN YEAR CYCLE



What is New in MOC?

- Streamlined Application/Case List functions
 - 75 case limit for all Recertification pathways
 - One Application/One Case List/One Peer Review
- CME/SAE options expanded, uploading simplified
- Decreasing time from application to examination
- Redesigned Website / Enhanced Diplomate Dashboard
- Diplomate-specific Communications
- Designated Certification Specialists

ABOS Certification Specialists

- Last names beginning with **A-B:**

Denise Frazier

dfrazier@abos.org

- Last names beginning with **C-G:**

Sonya Parker

sparker@abos.org

- Last names beginning with **H-O:**

Kim Grover

kgrover@abos.org

- Last names beginning with **P-Z:**

Morgen Graham

mgraham@abos.org

919-929-7103





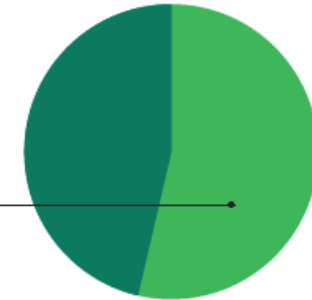
What is New in MOC?

- General Orthopaedic Questions
 - Eliminated from **all** Practice-Profiled Recertification Examinations
- New Practice-Profiled Examinations 2018
 - *Sub-specialty questions only*
 - *Pediatrics, Orthopaedic Trauma, and Foot and Ankle*
 - *Shoulder and Elbow* planning underway; ready by 2019
- ***Recertification Examination Options Now Available:***
 - *General, Spine, Adult Reconstruction, Pediatrics, Trauma, Foot & Ankle, Shoulder & Elbow, Surgery of the Hand, Sports Medicine, Oral (entirely practice based)*

58% Response Rate

18,058 Diplomates invited to participate

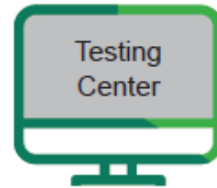
10,464 Board Certified Orthopaedic Surgeons
Voiced Their Opinions!



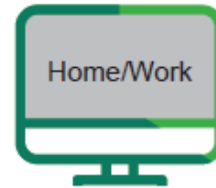
Looking to the Future:
Maintenance of Certification Survey
Results and Recommendations
American Board of Orthopaedic Surgery



Examination Format Preference



Computer-Based
Examination
41.2%



Longitudinal
Assessment
39.8%

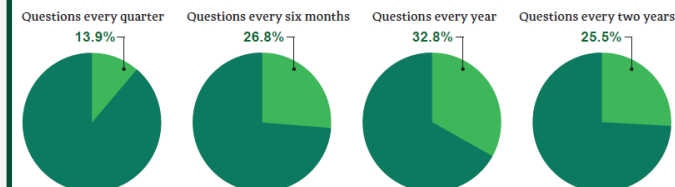


Virtual Practice
Assessment
14.2%



Oral Recertification
Examination
3.9%

Frequency of Knowledge Assessment Preference



ABOS Web-Based Longitudinal Assessment 'ABOS WLA'



- Pilot Program Launch: January 2019
- Open to **all** Diplomates who are currently ABOS Board Certified
- Maintenance of Certification Part III (Knowledge Assessment) Options:
 - ABOS Computer Based Practice-Profiled Recertification Examinations
 - ABOS Oral Recertification Examinations
 - ***ABOS WLA***
- No Changes to other facets of MOC
 - Application
 - Case List
 - Continuing Medical Education and Self-Assessment Examination Credit
 - Peer Review
 - Evaluation/Review by the ABOS Credentials Committee

ABOS WLA Process



Each January:

- 100 Orthopaedic Knowledge Sources (journal articles, practice guidelines, AUCs, monographs) identified and posted on the ABOS website
- Sources chosen by subject matter experts in Knowledge Source Groups
- Knowledge Source Groups:
 - General Orthopaedics (AAOS/BOC)
 - Orthopaedic Sports Medicine (AOSSM/AAOS)
 - Surgery of the Hand (ASSH/AAHS/AAOS)
 - Adult Reconstruction (AAHKS/AAOS)
 - Spine (NASS/AAOS)
 - Orthopaedic Trauma (OTA/AAOS)
 - Foot and Ankle (AOFAS/AAOS)
 - Pediatric Orthopaedics (POSNA/AAOS)
 - Shoulder and Elbow (ASES/AAOS)
 - Oncology (MSTS/AAOS)

ABOS WLA Process



- Participating Diplomates: Sources viewed on their ABOS Dashboard
- Authentication/Security/Attestation
- Each Diplomat chooses 15 Sources to study in-depth
 - ABOS has option to require certain sources
- ABOS WLA is open for five weeks in April and May
 - 30 questions (2 from each Knowledge Source) delivered to Diplomat
 - Questions designed to verify comprehension/familiarity
- Questions delivered to Desktop/Laptop Computer
 - Questions answered over the 5 week April-May time period
 - Supplied with correct/incorrect and question source
- Allotted 3 minutes to answer each question - open-book format
- Pacing/Sessions at the discretion of the Diplomat

ABOS WLA Passing Standards



- Successful Completion of the ABOS WLA:
 - Earn five (5) Quality Years: answering 24 out of 30 questions correctly in the administration window (5 weeks) of that year constitutes a Quality Year
 - 120 Knowledge Assessment questions answered correctly in six years of participation
- ABOS Diplomates with Certificates expiring in 2019-2022:
 - Certificates will be extended yearly to reach the five year mark as long as Quality Years are earned
- Diplomates not completing the ABOS WLA program successfully must re-enter another MOC Part III Pathway (minimum 2 opportunities):
 - Computer-Based Practice-Profiled Examination
 - Oral Recertification Examination

ABOS WLA: Next Steps



- Eligible ABOS Diplomates will receive additional information later this year
- Announcements/Information will be posted at www.abos.org
- Knowledge Sources posted January 2019
- Subspecialty Certification – must choose 5 subspecialty sources/year
 - Surgery of the Hand
 - Orthopaedic Sports Medicine
- Computer-Based Practice-Profiled Recertification Examinations
 - still available
- Oral Recertification Examination
 - still available and critically important to the ABOS Mission

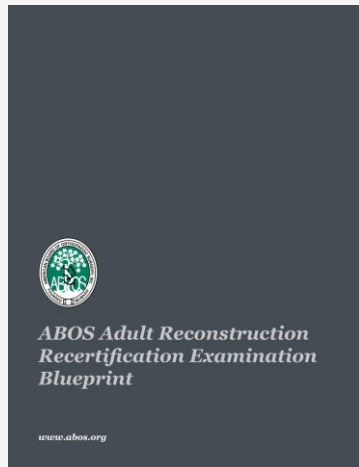


Examination Blueprints

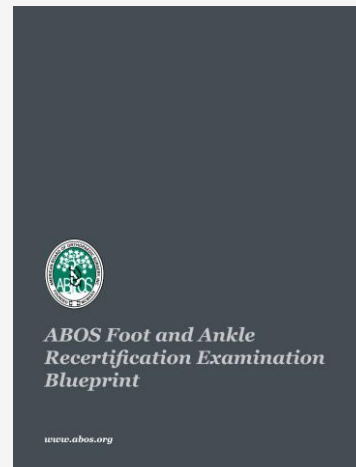


Practice-Profiled Examination Blueprints

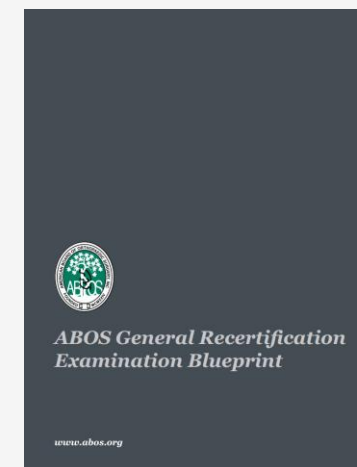
- Expanded Blueprints for all examinations
 - Study Guide/Examination Preparation/Curriculum



ABOS Adult Reconstruction Recertification Examination Blueprint	
Table of Contents	
General Principles	6-10%
Basic Science Principles	6-10%
Spine	0.5-1%
Lumbar	0.5-1%
Upper Extremities	1-5%
Shoulder joint	1-5%
Lower Extremities	75-79%
Patella	1-4%
Hip joint	47-49%
Femur	3-6%
Knee joint	23-27%
Multiple Sites	5-9%
Complications following surgical procedures	3-6%
Arthritis/rheumatologic disease	0.5-2%
Other	1-4%
Neoplasms	1-5%
Benign	1-2%
Malignant	0.5-2%



ABOS Foot and Ankle Recertification Examination Blueprint	
Table of Contents	
Ankle/Leg	28-32%
Hindfoot	24-28%
Midfoot	5-9%
Forefoot	18-22%
General	15-19%



ABOS General Recertification Examination Blueprint	
Table of Contents	
General Principles	3-6%
Biomechanics/physiology	0.5-1%
Legal/ethical	0.5-1%
Basic Science Principles	2-4%
Spine	5-9%
Cervical	1-4%
Thoracic	0.5-1%
Lumbar	2-3%
Nonspecific site	1-2%
Upper Extremities	32-36%
Scapula	0.5-1%
Shoulder joint	8-11%
Humerus	2-4%
Elbow joint	2-6%
Radius/ulna	4-7%
Wrist joint	2-4%
Hand	3-4%
Other/multiple sites, upper extremities	1-2%
Lower Extremities	35-39%
Hip joint	7-10%
Femur	1-3%
Knee joint	10-13%
Tibia/fibula	4-7%
Ankle joint	4-6%
Foot	3-4%
Other/multiple sites	1-2%
Multiple Sites	9-13%
Multiple trauma	1-2%
Complications following surgical procedures	1-4%
Medical Aspects of Sports Medicine	0.5-1%
Arthritis/rheumatologic disease	1-3%
Other	3-4%
Neoplasms	3-7%
Benign	1-4%
Malignant	1-4%

- ABOS-NBME Blueprint Exercises
 - Input from multiple organizations
 - ABOS/AAOS/OTA/POSNA/AOFAS/ASSH/AAHS/ASES/AAHKS/AOSSM



Summary



ABOS Focus

- Relevance
- Increase Value
- Decrease Burden
- Feedback – *we are listening*
- ***VOLUNTEER***

Home | ABOS Status | Profile | Hand | Sports | MOC | Dashboard | Feedback | Examiner | Director | Part II Selector | Recert Selector | t - Logout

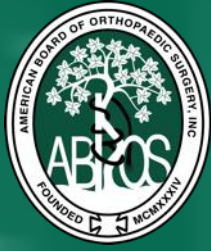
Welcome **David Franklin Martin, MD**
Our records show:

You are eligible for the **2019 Recertification Examination.**
Start process in 2017.

Metric	Status	Details
Active & Participating in MOC	YES	Your Certification is currently ACTIVE and you are participating in MOC.
Year	6	You are in year 6 of your 10-year certification cycle. Your certification expires on December 31, 2021.
CME Complete	Complete	255.25 CMEs have been submitted. 255.25 CMEs have been approved.
SAE Complete	Complete	90 SAEs have been submitted. 90 SAEs have been approved.

Your Certificates:
• General Orthopaedics
• Orthopaedic Sports Medicine

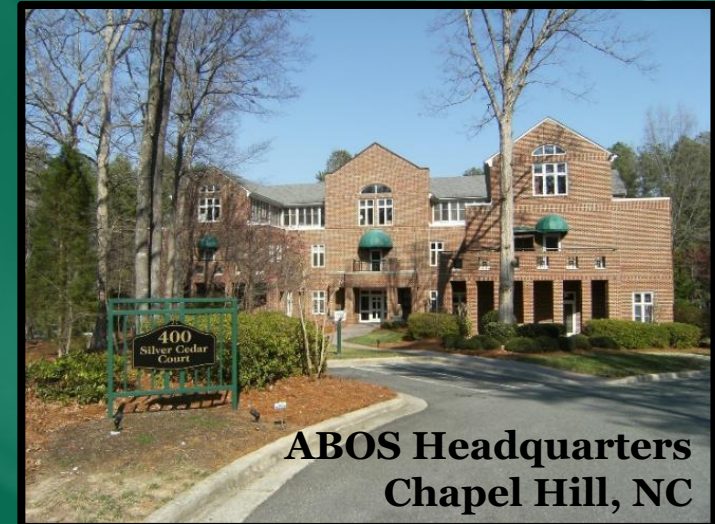
Navigation Bar:
- RECERTIFICATION SCHEDULE
- VIEW AND/OR ENTER CME/SAE
- VIEW/PRINT YOUR VERIFICATION LETTER
- RESULTS / FEEDBACK
- ABOS MESSAGE ARCHIVE
- **VOLUNTEER** (highlighted with a red circle)



American Board of Orthopaedic Surgery

*Establishing Education &
Performance
Standards for Orthopaedic
Surgeons*

Thank You / Questions?



**ABOS Headquarters
Chapel Hill, NC**