

# 34<sup>TH</sup> ANNUAL BALTIMORE LIMB DEFORMITY COURSES

DEFORMITYCOURSE.COM

## Baltimore Limb Deformity Course

Thursday August 22 – Saturday August 24, 2024

### Pre-Courses

Wednesday, August 21, 2024

- Cadaver Lab: Complex Pediatric Hip/Pelvis/Femur Surgery
- Management of Complex Segmental Bone Defects: A to Z
- Basics of External Fixation in the Foot and Ankle

### Post-Course

Sunday, August 25, 2024

- Cadaver Lab: Disaster Response

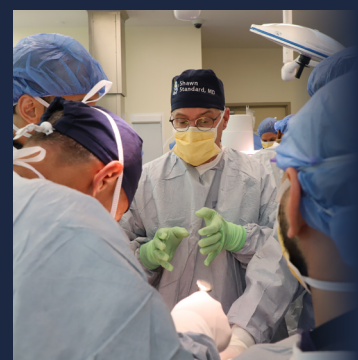
### Course Chairmen

- Philip McClure, MD
- John Herzenberg, MD

### Course Directors

- Michael Assayag, MD
- Christopher Bibbo, DO
- Janet Conway, MD
- Noman Siddiqui, DPM
- Shawn Standard, MD

Registration closes August 7, 2024.





# 34<sup>TH</sup> ANNUAL Baltimore Limb Deformity Course



## Highlights of the Course

Thursday, August 22 – Saturday, August 24, 2024

- ★ Internationally renowned faculty
- ★ Hands-on sawbone labs
- ★ Option to choose a lab group that focuses on adult orthopedics, pediatric orthopedics, or foot/ankle applications (group assignments based on order of paid registration)
- ★ Option to choose break-out sessions on adult orthopedic, pediatric orthopedic, and foot/ankle topics
- ★ Interactive pediatric orthopedics, adult orthopedics, and foot/ankle participant case presentations
- ★ Receive a copy of *The Art of Limb Alignment, Twelfth Edition*
- ★ Innovative apps:
  - ★ **Multiplier:** This app predicts values at maturity (upper and lower limb length discrepancy, bone length, lower extremity length, height, and timing of epiphysiodesis).
  - ★ **Bone Ninja Sensei:** This iPad app teaching tool was developed by Drs. Standard and Herzenberg at the International Center for Limb Lengthening, Sinai Hospital of Baltimore. Bone Ninja Sensei is designed to help surgeons analyze deformities. Note: Please bring your iPad. The Bone Ninja Sensei app works only on iPad devices.
- ★ Visit [DeformityCourse.com](http://DeformityCourse.com) to view the most current syllabus.



# 34<sup>TH</sup> ANNUAL Baltimore Limb Deformity Course

Please consult [DeformityCourse.com](http://DeformityCourse.com) for the most current syllabus as schedule could change without notice.

This Course is intended for orthopedic surgeons, podiatrists, and allied health professionals who treat lower extremity deformities. No prior experience is required.

The 2023 Course was attended by over 200 clinicians from 37 foreign countries and 30 U.S. states.

## The 2023 Course was made possible through educational grants and in-kind support from:

Arthrex ★ DePuy Synthes ★ Clubfoot Solutions  
NuVasive Specialized Orthopedics  
Orthofix ★ OrthoPediatrics ★ Paragon 28  
Smith+Nephew ★ Stryker  
WishBone Medical

## Course Objectives

Introduce basic and advanced concepts in limb alignment, corrective osteotomies, and internal and external fixation for limb reconstruction, including lengthening and realignment.

### ★ Topics to be covered:

- ★ Single-level and double-level tibial and femoral deformities
- ★ Sagittal and oblique plane deformities
- ★ Rotational deformities
- ★ Foot and ankle deformities
- ★ Monolateral/circular external fixation
- ★ Acute correction techniques
- ★ Gait implications for angular and rotational deformities
- ★ Measurement of deformity on digital radiographs
- ★ Consequences of joint malorientation and malalignment
- ★ Limb lengthening techniques

### ★ Following completion of this event, participants will be able to:

- ★ Describe simple and complex lower limb deformities in pediatric and adult patients
- ★ Interpret advances in the field of limb reconstruction and deformity correction
- ★ Identify the optimal location of osteotomies
- ★ Recognize the methodology of minimally invasive internal and external fixation
- ★ Analyze deformities of the lower limb using electronic media technology
- ★ Formulate treatment decisions designed to yield better clinical outcomes.

**Your safety is our priority:** We will follow safety guidance issued by local public health authorities to provide an environment as safe as possible.

**Hotel information:** The Course venue is the Four Seasons Hotel (200 International Drive) in the heart of Baltimore's Inner Harbor. The chic hotel is located 20 minutes from Baltimore/Washington International Airport (BWI) and 90 minutes from Washington Dulles International Airport (IAD). The discounted per-room fee for Course attendees is \$237 per night (plus taxes). The room rate includes complimentary basic guest room internet connectivity. It is highly recommended that you make your reservations early. The discounted rate is offered on a space-available basis through Wednesday, July 31, 2024. To make a reservation, either:

★ Visit the Four Seasons Hotel website ([fourseasons.com](http://fourseasons.com))

- ★ Select "Baltimore" as destination
- ★ Select "Check Rates"
- ★ Enter check-in and check-out dates
- ★ Update number of adults and children
- ★ Add promo code: 240817SIN
- ★ Click "Find Rooms"

-or-

★ Call the hotel directly (+1.410.576.5800)

- ★ Ask for in-house reservations
- ★ Request the "Baltimore Limb Deformity" group block rate

-or-

★ Email the hotel: [reservations.baltimore@fourseasons.com](mailto:reservations.baltimore@fourseasons.com)

**Parking:** For those driving to the Four Seasons Hotel daily, we have arranged for a discounted daytime valet parking rate of \$15/day. This rate does not apply to self-parking during the day, nor to overnight parking (currently \$50 for valet and \$25 for self-parking per night).

**Attire:** Business casual for meeting and resort casual for Course Welcome Dinner.

**American Disabilities Act:** If you require special accommodations to attend or participate, please submit a notification of your needs to [wrrobins@lifebridgehealth.org](mailto:wrrobins@lifebridgehealth.org) at least 30 days in advance of your arrival.

**Disclosure policy:** It is the policy of Sinai Hospital of Baltimore, a LifeBridge Health Center, to comply with the Accreditation Council for Continuing Medical Education (ACCME) Standards for Integrity and Independence in Accredited Continuing Education. All faculty participating in sponsored or jointly sponsored programs by Sinai Hospital of Baltimore are required to disclose to the program audience any real or apparent conflict(s) of interest related to the content of their presentation(s). In accordance with the ACCME requirements on disclosure information, relationships of presenters with commercial interests (if any) will be distributed via email prior to the Course.



# Course Options

Please consult [DeformityCourse.com](http://DeformityCourse.com) for the most current syllabus as schedule could change without notice.

## Pre-Course

### Cadaver Lab: Complex Pediatric Hip/Pelvis/Femur Surgery

Wednesday, August 21, 2024 ★ *Very Limited Registration*

Course Times: 8:20 a.m. – 5:50 p.m.

(bus promptly departs Hotel at 7:30 a.m.)

Course Chairman: Shawn Standard, MD

#### Course Description:

- ★ This Course will provide both didactic and hands-on learning about advanced techniques in the treatment of complex pediatric hip, pelvis, and femur conditions.
- ★ The didactic session will provide basic science and technical points of view on the latest operative treatments for such problematic conditions as coxa magna, coxa breva, and severe acetabular dysplasia.
- ★ A practical approach to treatments will be discussed along with surgical tips and tricks.
- ★ The hands-on portion of the Course will teach advanced surgical techniques which include surgical hip dislocation; ligamentum teres reconstruction; distal femoral, periacetabular, and Morscher osteotomies; and hip distraction with external fixation.

#### Learning Objectives:

- ★ Employ a practical approach to identifying the non-operative, minimally invasive, and aggressive treatment techniques for complex pediatric hip, pelvis, and femur conditions.
- ★ Recognize risk stratification of patients to enable proper choice of treatment options.
- ★ Practice hip/pelvis/femur surgical techniques with guidance from leaders in this field.

## Pre-Course

### Basics of External Fixation in the Foot and Ankle

Wednesday, August 21, 2024 ★ *Limited Registration*

Course Times: 9:30 a.m. – 5:00 p.m.

Course Directors: Noman Siddiqui, DPM  
Marie Gdalevitch, MD

#### Course Description:

- ★ This Course will provide participants with a foundational understanding of the principles, techniques, and applications of external fixation in the context of lower extremity.
- ★ Aims to equip healthcare professionals with the knowledge and skills necessary to effectively use external fixation devices for the treatment of foot and ankle application.
- ★ Practical sessions with step-by-step guidance for participants to gain hands-on experience with external fixation devices.
- ★ Overview of various external fixation systems available.
- ★ Historical perspective and evolution of external fixation methods.
- ★ Practical considerations for achieving stable fixation in foot and ankle fractures.
- ★ Recognition and prevention of common complications associated with external fixation.
- ★ Postoperative monitoring and follow-up protocols.
- ★ Rehabilitation strategies to optimize patient outcomes.
- ★ Analysis of real-life cases to enhance problem-solving skills.

#### Learning Objectives:

- ★ Define when external fixation may not be suitable.
- ★ Examine application of circular fixator on the foot and ankle.
- ★ Discuss research and developments shaping the future of foot and ankle external fixation.



# Course Options

Please consult [DeformityCourse.com](http://DeformityCourse.com) for the most current syllabus as schedule could change without notice.

## Pre-Course

### Management of Complex Segmental Bone Defects: A to Z

**Wednesday, August 21, 2024** ★ *Limited Registration*

**Course Times:** 8:00 a.m. – 7:30 p.m.

**Course Director:** Janet Conway, MD

#### Course Description:

- ★ This Course is for the advanced orthopedic trauma surgeon dealing with complex segmental defects and infected non-unions. It will focus on soft tissue coverage and multiple bone reconstruction techniques for small to large defects in the humerus, femur, and tibia.
- ★ There will be video surgical dissection discussions with panel experts, expert debates on most controversial defects, case presentations, and discussions by internationally and nationally known faculty.

#### Learning Objectives:

- ★ Surgically manage an array of segmental bone defects.
- ★ Recognize how to optimize the patient for a successful outcome.
- ★ Identify best practices and optimizing decision making for various segmental defects.
- ★ Determine when additional soft tissue coverage is necessary.
- ★ Discover the latest in bone transport technology.

## Post-Course

### Cadaver Lab: Disaster Response

**Sunday, August 25, 2024** ★ *Limited Registration*

**Course Times:** 8:00 a.m. - 5:00 p.m.

*(bus promptly departs Hotel at 7:15 a.m.)*

**Course Directors:** Philip McClure, MD  
Roman Hayda, MD

#### Course Description:

- ★ This Course will focus on providing orthopedic care in the aftermath of local or international disasters. Attendees will learn from surgeons experienced in domestic and international disaster response, with a focus on disaster response principles and adapting to the resource limited environment.
- ★ Surgical procedures will be performed on cadaveric specimens and will include both soft tissue procedures and provisional skeletal stabilization as well as common amputations and rotational flaps for coverage.

#### Learning Objectives:

- ★ Assess the components of the Incident Command System and the application to disaster response.
- ★ Evaluate the impact of the resource limited environment on the treatment of orthopedic disease.
- ★ Practice procedures relevant to disaster response under the supervision of experienced surgeons within the field.



FOR THE LATEST INFORMATION OR TO REGISTER, VISIT [DEFORMITYCOURSE.COM](http://DEFORMITYCOURSE.COM)



# 2024 Registration

**Registration closes August 7, 2024.**

**NOTE: You can enroll in any Pre- or Post-Course without taking the three-day Course. Early registration is recommended as courses may sell out quickly.**

## Course Fees

### Baltimore Limb Deformity Course

Thursday, August 22 - Saturday, August 24, 2024

- |   |         |
|---|---------|
| <input type="checkbox"/> U.S. Physician/Podiatrist      | \$1,745 |
| <input type="checkbox"/> Non-U.S. Physician             | \$1,545 |
| <input type="checkbox"/> Resident/Fellow/Allied Health* | \$1,325 |

Some afternoon hands-on lab groups fill up quickly. Early registration is highly recommended. Placement is based on lab availability when registration fees are paid in full. Those who do not select a lab group will be assigned to the Adult Orthopedics group. NOTE: All lecture-based break-out sessions that focus on pediatric, adult, and foot/ankle issues are available to all participants. Select your preferred lab group:

- ☐ Adult Orthopedics   ☐ Pediatric Orthopedics   ☐ Foot and Ankle

### Multiple Course Discount

-\$50 \$ \_\_\_\_\_

- ☐ Deduct \$50 if you are a paid registrant of the three-day Deformity Course *plus* one or more Pre- or Post-Courses

### Thursday Welcome Dinner

One Reception ticket is included in your registration fee for the three-day Course. Additional tickets may be available for purchase on-site.

**Dietary Restriction:** ☐ Vegetarian   ☐ Kosher   ☐ Gluten-free   ☐ Vegan

**Subtotal** = \$ \_\_\_\_\_

## Pre- and Post-Courses

*Because the Pre-Courses are offered simultaneously, registrants may select only one. If full payment is not received, your name will be placed on a waitlist risking the possibility of the Course selling out before fees are fully paid.*

### Wednesday, August 21, 2024

- |   |         |
|---|---------|
| <input type="checkbox"/> <b>Pre-Course   Management of Complex Segmental Bone Defects: A to Z</b>   | \$500   |
| <input type="checkbox"/> <b>Pre-Course   Cadaver Lab: Complex Pediatric Hip/Pelvis/Femur Surgery</b>  | \$1,375 |
| ★ <i>Select size of Bone Ninja scrubs (included in registration fee; note: scrubs run large):</i>   |         |
| <input type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large <input type="checkbox"/> Extra Large <input type="checkbox"/> Extra Extra Large |         |
| <input type="checkbox"/> <b>Pre-Course   Basics of External Fixation in the Foot and Ankle</b>  | \$500   |

### Sunday, August 25, 2024

- |   |       |
|---|-------|
| <input type="checkbox"/> <b>Post-Course   Cadaver Lab: Disaster Response</b>  |       |
| <input type="checkbox"/> Physician/Podiatrist   | \$500 |
| <input type="checkbox"/> Resident/Fellow/Allied Health*   | \$450 |
| ★ <i>Select size of Bone Ninja scrubs (included in registration fee; note: scrubs run large):</i>   |       |
| <input type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large <input type="checkbox"/> Extra Large <input type="checkbox"/> Extra Extra Large |       |

**Pre-/Post-Course Subtotal** = \$ \_\_\_\_\_

### Late Fee

A \$100 late fee will automatically apply to all new or unpaid registrations of the Course after August 1, 2024.      +\$100 \$ \_\_\_\_\_

**TOTAL DUE** = \$ \_\_\_\_\_

**\*Residents and fellows must provide a letter from their residency or fellowship director to qualify for the reduced fee. If the letter is not received with registration, the Physician/Podiatrist rate will be assessed.**

## How Did You Hear About This Course?

- |   |   |
|---|---|
| <input type="checkbox"/> AAOS Annual Meeting  | <input type="checkbox"/> IPOS Meeting   |
| <input type="checkbox"/> ASAMI Meeting  | <input type="checkbox"/> LLRS Meeting   |
| <input type="checkbox"/> Controversies in Pediatric Limb Reconstruction Meeting       | <input type="checkbox"/> POSNA Meeting  |
| <input type="checkbox"/> EPOS Meeting   | <input type="checkbox"/> Colleagues   |
| <input type="checkbox"/> Essentials of Lower Extremity Reconstruction Course (Dallas) | <input type="checkbox"/> Course Email Notification                                  |
| <input type="checkbox"/> ILLRS Meeting  | <input type="checkbox"/> Course Mailings  |
|   | <input type="checkbox"/> <i>Journal of Limb Lengthening &amp; Reconstruction</i> Ad |
- Website: ☐ Orthobullets   ☐ OrthoMedia   ☐ VuMedi   ☐ Other (please specify): \_\_\_\_\_

☐ Sales Representative (please specify): \_\_\_\_\_

☐ Other Meeting/Source (please specify): \_\_\_\_\_

## Payment Methods

**You are not considered a confirmed registrant until the registration fees are paid in full. Your name will be placed on a waitlist until payment has been obtained. All registrations with unpaid balances two weeks after registration will be cancelled automatically and re-registration will be required. Courses may sell out quickly.**

We accept Visa, MasterCard, American Express, checks, and bank drafts payable in U.S. funds. I wish to pay by:   ☐ credit card   ☐ check   ☐ bank draft

★ To pay by credit card, see below or use online, mail-in, or fax registration.

★ For online registration, please visit our website: DeformityCourse.com.

★ For fax registration, please fax this form to +1.410.601.0585.

★ To pay by check, make checks payable in U.S. funds to

"Baltimore Limb Deformity Course/Sinai" and mail to:

Wendy R. Robinson, MEd

Rubin Institute for Advanced Orthopedics

Sinai Hospital of Baltimore, Inc.

2401 West Belvedere Avenue

Schoeneman Bldg., Suite 102

Baltimore, Maryland 21215 USA

★ To pay by bank draft, contact Wendy R. Robinson, MEd to obtain instructions. (Email: [wrrobbins@lifebridgehealth.org](mailto:wrrobbins@lifebridgehealth.org) or tel: +1.410.601.9798)

For mail-in or fax registration, PLEASE COMPLETE LEGIBLY:

(Note: Email address is required; one form per registrant.)

Credit Card Type:   ☐ Visa   ☐ MasterCard   ☐ American Express

Credit Card Number: \_\_\_\_\_

Security Code: \_\_\_\_\_      Expiration Date: \_\_\_\_\_

Name of Cardholder: \_\_\_\_\_

Signature of Cardholder: \_\_\_\_\_

Cardholder's Email (required): \_\_\_\_\_

Full Name of Registrant: \_\_\_\_\_

Professional Degree (e.g., MD): \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_      State/Province: \_\_\_\_\_

Zip/Postal Code: \_\_\_\_\_      Country: \_\_\_\_\_

Phone Number: \_\_\_\_\_

*If outside of the U.S., please include country and city codes*

Registrant's Email (required): \_\_\_\_\_

## Cancellation Policy

A refund (less a \$50 administrative fee) will be extended for email cancellations sent to [LBH\\_BLDLC@lifebridgehealth.org](mailto:LBH_BLDLC@lifebridgehealth.org) dated on or before July 31, 2024. No refunds will be made for cancellations that are dated August 1, 2024 or after, and no refunds will be made in response to verbal cancellations at any time.

If an unforeseen circumstance/force majeure occurs and we must cancel the courses, we will provide our participants with as much advance notice as possible and refund 100% of your registration payment.

## Photo Policy

We will be taking photographs at this event. LifeBridge Health may publish photographs of you for educational, promotional, or advertising purposes. By enrolling in any of the courses provided by LifeBridge Health, you are agreeing to the use of your image for these purposes.

## Use of Your Personal Information

By registering for this event, you authorize us to include your name and address in an attendee list we may provide to our corporate partners and exhibitors in advance of and/or following the Course. In addition, you agree to allow us to send you periodic email announcements concerning future courses and our educational app updates. To opt out, please email [LBH\\_BLDLC@lifebridgehealth.org](mailto:LBH_BLDLC@lifebridgehealth.org). It may take a few days for you to receive written confirmation that your name has been removed from both the attendee list and/or the email notification list.