International Surgeon Survey
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Consent and Participation:

We invite you to participate in a research study being done at the University of California, San Francisco (UCSF). Being in this study is optional.

If you choose to be in the study, you will complete a survey. This survey will help us identify the perceived barriers and impact of North American clinical observership programs in pediatric orthopaedics available to international surgeons. The survey will take about 10 to 15 minutes to complete.

Your responses are completely confidential with no personal identifiers unless you choose to participate in an optional online interview to discuss your experiences participating in a North American observership or you would like to be acknowledged for participating in this study in the final manuscript.

You can skip questions that you do not want to answer or stop the survey at any time. We will keep your answers confidential and will not share your personal information with anyone outside the research team to minimize the risk to privacy.

Please answer this survey as frankly as possible. Your responses will not affect your current relationship with your North American observership site. All constructive feedback is welcome.

Before proceeding to the survey, please answer the questions below to provide your consent to participate in this study.

If you have any questions or suggestions, please contact Laura Carrillo at laura.carrillo@ucsf.edu. If you have questions or concerns about your rights as a research participant, you can call the UCSF Institutional Review Board at 415-476-1814. Thank you in advance for your participation.

Sincerely,

Sanjeev Sabharwal, MD MPH
Laura Carrillo, BA

Please confirm that you would like to participate in the study.  

☐ Yes  

☐ No
### Inclusion/Exclusion:

I participated in a pediatric orthopaedic observership program in North America (Canada or the United States) in the past 10 years (2009 - 2019) as a practicing surgeon.

- [ ] Yes
- [x] No

Note: Only complete this survey if you were an International Surgeon from a country other than the United States or Canada.

Please complete this survey based on your experience participating in the North American Observership Program in Pediatric Orthopaedics referenced in your invitation email. If you visited more than one North American host site during the same trip, please provide us your overall impression of your observership experience.
<table>
<thead>
<tr>
<th>Demographics:</th>
</tr>
</thead>
</table>
| 1. Sex:      | □ Male  
|              | □ Female |
| 2. What is your current age? | □ 18-24 years old  
|              | □ 25-34 years old  
|              | □ 35-44 years old  
|              | □ 45-54 years old  
|              | □ 55-64 years old  
|              | □ 65+ years old    |
| 3. What is your current status as a physician? (Check all that apply) | □ I practice orthopaedic surgery.  
|              | □ I am retired from active surgical practice.  
|              | □ I teach medical students, residents, and other trainees.  
|              | □ I am fully retired from all surgical practice and teaching. |
| 4. What country region do you currently live/work in based on the World Bank region classifications? | □ East Asia & Pacific  
|              | □ Europe and Central Asia  
|              | □ Latin America & Caribbean  
|              | □ Middle East & North Africa  
|              | □ North America  
|              | □ South Asia  
|              | □ Sub-Saharan Africa  

5a. From which country in East Asia & Pacific, do you currently live/work in?

- American Samoa
- Australia
- Brunei Darussalam
- Cambodia
- China
- Fiji
- French Polynesia
- Guam
- Hong Kong SAR, China
- Indonesia
- Japan
- Kiribati
- Korea, Rep.
- Lao PDR
- Macao SAR, China
- Malaysia
- Marshall Islands
- Mongolia
- Myanmar
- Nauru
- New Caledonia
- New Zealand
- Northern Mariana Islands
- Palau
- Philippines
- Samoa
- Singapore
- Solomon Islands
- Taiwan, China
- Thailand
- Timor-Leste
- Papua New Guinea
- Tonga
- Tuvalu
- Vanuatu
- Vietnam
5b. From which country in Europe & Central Asia, do you currently live/work in?

- Albania
- Andorra
- Armenia
- Austria
- Azerbaijan
- Belarus
- Belgium
- Bosnia and Herzegovina
- Bulgaria
- Channel Islands
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Faroe Islands
- Finland
- France
- Georgia
- Germany
- Gibraltar
- Greece
- Greenland
- Hungary
- Iceland
- Ireland
- Isle of Man
- Italy
- Kazakhstan
- Kosovo
- Kyrgyz Republic
- Latvia
- Liechtenstein
- Lithuania
- Luxembourg
- Macedonia, FYR
- Moldova
- Monaco
- Montenegro
- Netherlands
- Norway
- Poland
- Portugal
- Romania
- Russian Federation
- San Marino
- Serbia
- Slovak Republic
- Slovenia
- Spain
- Sweden
- Switzerland
- Tajikistan
- Turkey
- Turkmenistan
- Ukraine
- United Kingdom
- Uzbekistan
5c. From which country in Latin America & Caribbean, do you currently live/work in?

- Antigua and Barbuda
- Argentina
- Aruba
- Bahamas, The
- Barbados
- Belize
- Bolivia
- Brazil
- British Virgin Islands
- Cayman Islands
- Chile
- Colombia
- Costa Rica
- Cuba
- Curacao
- Dominica
- Dominican Republic
- Ecuador
- El Salvador
- Grenada
- Guatemala
- Guyana
- Haiti
- Honduras
- Jamaica
- Mexico
- Nicaragua
- Panama
- Paraguay
- Peru
- Puerto Rico
- Sint Maarten (Dutch part)
- St. Kitts and Nevis
- St. Lucia
- St. Martin (French part)
- St. Vincent and the Grenadines
- Suriname
- Trinidad and Tobago
- Turks and Caicos Islands
- Uruguay
- Venezuela, RB
- Virgin Islands (U.S.)
<table>
<thead>
<tr>
<th>5d. From which country in Middle East &amp; North Africa, do you currently live/work in?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algeria</td>
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<tr>
<td>Bahrain</td>
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<td>Djibouti</td>
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<td>Egypt, Arab Rep.</td>
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<td>Iran, Islamic Rep.</td>
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<td>Iraq</td>
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<td>Israel</td>
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<td>Jordan</td>
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<td>Kuwait</td>
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<td>Lebanon</td>
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<td>Libya</td>
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<td>Malta</td>
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<td>Morocco</td>
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<td>Oman</td>
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<td>Qatar</td>
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<td>Saudi Arabia</td>
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<td>Syrian Arab Republic</td>
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<td>Tunisia</td>
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<td>United Arab Emirates</td>
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<tr>
<td>West Bank and Gaza</td>
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<tr>
<td>Yemen, Rep.</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>5e. From which country in North America, do you currently live/work in?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bermuda</td>
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<tr>
<td>Canada</td>
</tr>
<tr>
<td>United States</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>5f. From which country in South Asia, do you currently live/work in?</th>
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</thead>
<tbody>
<tr>
<td>Afghanistan</td>
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<tr>
<td>Bangladesh</td>
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<td>Bhutan</td>
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<td>India</td>
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<td>Maldives</td>
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<td>Nepal</td>
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<td>Pakistan</td>
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<td>Sri Lanka</td>
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<td>Country</td>
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<td>Angola</td>
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<td>Benin</td>
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<td>Botswana</td>
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<td>Burkina Faso</td>
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<td>Burundi</td>
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<td>Cabo Verde</td>
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<td>Central African Republic</td>
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<td>Chad</td>
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<td>Comoros</td>
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<td>Congo, Rep</td>
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<td>Côte d'Ivoire</td>
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<td>Equatorial Guinea</td>
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<td>Eritrea</td>
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<td>Ethiopia</td>
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<td>Gabon</td>
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<td>Gambia, The</td>
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<td>Ghana</td>
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<td>Guinea</td>
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<td>Guinea-Bissau</td>
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<td>Lesotho</td>
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<td>Liberia</td>
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<td>Madagascar</td>
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<td>Malawi</td>
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<td>Mali</td>
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<td>Mauritania</td>
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<td>Mauritius</td>
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<td>Mozambique</td>
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<td>Namibia</td>
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<td>São Tomé and Principe</td>
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<td>Togo</td>
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<td>Uganda</td>
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<td>Zambia</td>
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<td>Zimbabwe</td>
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Observership Program Information:

The following questions relate to the observership program you participated in as referenced in your invitation email, including questions regarding the program, your experiences, and the barriers you faced.

6. What year did you participate in the observership program?  ____________________________

7. What type of observership program did you participate in?

- Professional Society Observership Program
- Academic/Institution Observership Program
- Private Practice Observership Program
- Other

Other type of observership program (please describe):  ____________________________

8. Please name the North American host institution(s) and/or observership program that you participated in during that trip.

  ____________________________

9. Approximately how long was your observership?

- Less than 1 week
- 1 week
- 2 weeks
- 3 weeks
- 4 weeks
- 5 weeks
- 6 weeks
- 7 weeks
- 8 weeks
- 9 weeks
- 10 weeks
- 11 weeks
- 12 weeks
- 13-16 weeks
- 17-26 weeks
- 27-52 weeks
- More than 52 weeks

10. As an observer, what country region did you apply from based on the World Bank region classifications?

- East Asia & Pacific
- Europe and Central Asia
- Latin America & Caribbean
- Middle East & North Africa
- South Asia
- Sub-Saharan Africa
11a. As an observer, from which country in East Asia & Pacific, did you apply from?

- American Samoa
- Australia
- Brunei Darussalam
- Cambodia
- China
- Fiji
- French Polynesia
- Guam
- Hong Kong SAR, China
- Indonesia
- Japan
- Kiribati
- Korea, Rep.
- Lao PDR
- Macao SAR, China
- Malaysia
- Marshall Islands
- Mongolia
- Myanmar
- Nauru
- New Caledonia
- New Zealand
- Northern Mariana Islands
- Palau
- Philippines
- Samoa
- Singapore
- Solomon Islands
- Taiwan, China
- Thailand
- Timor-Leste
- Papua New Guinea
- Tonga
- Tuvalu
- Vanuatu
- Vietnam
11b. As an observer, from which country in Europe & Central Asia, did you apply from?

- Albania
- Andorra
- Armenia
- Austria
- Azerbaijan
- Belarus
- Belgium
- Bosnia and Herzegovina
- Bulgaria
- Channel Islands
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Faroe Islands
- Finland
- France
- Georgia
- Germany
- Gibraltar
- Greece
- Greenland
- Hungary
- Iceland
- Ireland
- Isle of Man
- Italy
- Kazakhstan
- Kosovo
- Kyrgyz Republic
- Latvia
- Liechtenstein
- Lithuania
- Luxembourg
- Macedonia, FYR
- Moldova
- Monaco
- Montenegro
- Netherlands
- Norway
- Poland
- Portugal
- Romania
- Russian Federation
- San Marino
- Serbia
- Slovak Republic
- Slovenia
- Spain
- Sweden
- Switzerland
- Tajikistan
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- Turkmenistan
- Ukraine
- United Kingdom
- Uzbekistan
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<th>Country</th>
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<td>Bahamas, The</td>
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<td>Barbados</td>
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<td>Belize</td>
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<td>Bolivia</td>
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<td>Chile</td>
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<td>Costa Rica</td>
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<td>Cuba</td>
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<td>Curacao</td>
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<td>El Salvador</td>
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<td>Guyana</td>
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<td>Haiti</td>
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<td>Honduras</td>
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<td>Jamaica</td>
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<td>Mexico</td>
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<td>Nicaragua</td>
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<td>Panama</td>
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<td>Paraguay</td>
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<td>Peru</td>
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<tr>
<td>Puerto Rico</td>
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<tr>
<td>Sint Maarten (Dutch part)</td>
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<td>St. Lucia</td>
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<td>Trinidad and Tobago</td>
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<td>Uruguay</td>
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<tr>
<td>Venezuela, RB</td>
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<tr>
<td>Virgin Islands (U.S.)</td>
</tr>
</tbody>
</table>
11d. As an observer, from which country in Middle East & North Africa, did you apply from?
- Algeria
- Bahrain
- Djibouti
- Egypt, Arab Rep.
- Iran, Islamic Rep.
- Iraq
- Israel
- Jordan
- Kuwait
- Lebanon
- Libya
- Malta
- Morocco
- Oman
- Qatar
- Saudi Arabia
- Syrian Arab Republic
- Tunisia
- United Arab Emirates
- West Bank and Gaza
- Yemen, Rep.

11e. As an observer, from which country in South Asia, did you apply from?
- Afghanistan
- Bangladesh
- Bhutan
- India
- Maldives
- Nepal
- Pakistan
- Sri Lanka
11f. As an observer, from which country in Sub-Saharan Africa, did you apply from?

- Angola
- Benin
- Botswana
- Burkina Faso
- Burundi
- Cabo Verde
- Cameroon
- Central African Republic
- Chad
- Comoros
- Congo, Rep
- Côte d’Ivoire
- Equatorial Guinea
- Eritrea
- Ethiopia
- Gabon
- Gambia, The
- Ghana
- Guinea
- Guinea-Bissau
- Kenya
- Lesotho
- Liberia
- Madagascar
- Malawi
- Mali
- Mauritania
- Mauritius
- Mozambique
- Namibia
- Niger
- Nigeria
- Rwanda
- São Tomé and Príncipe
- Senegal
- Seychelles
- Sierra Leone
- Somalia
- South Africa
- South Sudan
- Sudan
- Swaziland
- Tanzania
- Togo
- Uganda
- Zambia
- Zimbabwe

12. How did you learn about the observership program? (Check all that apply)

- Colleague
- Website/Internet search
- Newsletter/Magazine
- Email Announcement
- Friend/Family member
- Other

Other (please describe):
13. To what extent did you experience the following barriers prior to starting your observership?

<table>
<thead>
<tr>
<th>Barriers</th>
<th>Not at all</th>
<th>Slightly</th>
<th>Moderately</th>
<th>Considerably</th>
<th>A great deal</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. High Cost</td>
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<tr>
<td>b. Discouragement from family/friends</td>
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<td>c. Discouragement from peers</td>
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<td>d. Discouragement from supervisors</td>
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<td>e. Difficulty obtaining visa</td>
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<td>f. Difficulty passing health screening/other health issues</td>
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<tr>
<td>g. Difficulty finding an observership program</td>
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<tr>
<td>h. Difficulty finding a faculty member sponsor</td>
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<tr>
<td>i. Difficulty finding housing</td>
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<tr>
<td>j. Other barrier</td>
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</tbody>
</table>

Other barrier (please describe):

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14. Did you receive any pre-departure information from your North American host institution/organization to prepare you for your observership program?

- ☐ Yes
- ☐ No

14a. Which of the following pre-departure information did the host institution/organization provide to you? (Check all that apply)

- ☐ A web-based orientation
- ☐ A program/observership schedule
- ☐ Information regarding the institution/organization
- ☐ Information regarding leisure activities to do around your host site's town
- ☐ Information regarding housing opportunities
- ☐ Information regarding how to obtain a visa
- ☐ Information regarding health screening requirement
- ☐ Other

Other pre-departure information (please describe):

---

15. What information would have been helpful prior to your arrival that you did not receive? (Check all that apply)

- ☐ A web-based orientation
- ☐ A program/observership schedule
- ☐ Information regarding the institution/organization
- ☐ Information regarding leisure activities to do at the host site
- ☐ Information regarding housing opportunities
- ☐ Information regarding how to obtain a visa
- ☐ Information regarding health screening requirement
- ☐ Other

Other pre-departure information (please describe):
16. To what extent did your host institution/organization provide the following types of support for you during your observership?

<table>
<thead>
<tr>
<th>Type of Support</th>
<th>Not at all</th>
<th>Slightly</th>
<th>Moderately</th>
<th>Considerably</th>
<th>A great deal</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Interpreter services</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>b. Financial support (e.g. stipend)</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>c. Administrative support staff (e.g. availability of personnel for trouble shooting)</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
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<td>☐</td>
</tr>
<tr>
<td>d. Academic resources (e.g. access to library)</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
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<tr>
<td>e. Transportation</td>
<td>☐</td>
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<tr>
<td>f. Lodging</td>
<td>☐</td>
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<tr>
<td>g. Other support</td>
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</table>

Other support (please describe): ____________________________________________
17. To what extent did you experience the following barriers while participating in your observership?

<table>
<thead>
<tr>
<th></th>
<th>Not at all</th>
<th>Slightly</th>
<th>Moderately</th>
<th>Considerably</th>
<th>A great deal</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. High Cost</td>
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<tr>
<td>b. Difficulty adapting to a new health care system</td>
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<tr>
<td>c. Patients were not accepting of my presence</td>
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<tr>
<td>d. Surgeons were unable to fit me into their daily routine</td>
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<tr>
<td>e. Language barriers</td>
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<tr>
<td>f. Cultural barriers</td>
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<tr>
<td>g. Other barrier</td>
<td></td>
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<td></td>
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</tr>
</tbody>
</table>

Other barrier (please describe):

18. What was the most significant barrier you experienced while participating in the observership?

19. Approximate your total weekly out-of-pocket cost to participate in the observership program in U.S. dollars. (Please EXCLUDE the initial arrival and departure costs to your North American host site in this estimation.)

- $0
- $1-$500
- $501-$1,000
- $1,001-$1,500
- $1,501-$2,000
- $2,001-$2,500
- $2,501-$3,000
- $3,001-$3,500
- $3,501-$4,000
- $4,001-$4,500
- $4,501-$5,000
- $5,001-$5,500
- $5,501-$6,000
- $6,001-$10,000
- More than $10,000

20. Approximate your total out-of-pocket cost to participate in the entire observership program in U.S. dollars. (Please INCLUDE the initial arrival and departure costs to your North American host site in this estimation.)

- $0
- $1-$500
- $501-$1,000
- $1,001-$1,500
- $1,501-$2,000
- $2,001-$2,500
- $2,501-$3,000
- $3,001-$3,500
- $3,501-$4,000
- $4,001-$4,500
- $4,501-$5,000
- $5,001-$5,500
- $5,501-$6,000
- $6,001-$10,000
- More than $10,000
21. What method(s) did you use to fund your participation in the observership program? (Check all that apply)

- Grant funding
- Departmental funding
- Institutional funding
- Industry funding
- Fundraising
- Self-funded
- Other

Other funding method (please describe):

22. Which of the following activities did you participate in during your observership? (Check all that apply)

- Attend grand rounds, conferences, seminars, journal club, and other didactic lectures
- Give a formal presentation on an orthopaedic topic
- Attend a professional society meeting
- Observe in the outpatient clinic
- Participate in inpatient rounds
- Observe in the operating room
- Participate in surgical skills lab activities
- Observe administrative operations to enhance leadership abilities
- Research
- Other

Other activity (please describe):

__________________________________________
23. Please rate the following aspects of your overall observership experience.

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Poor</th>
<th>Below average</th>
<th>Average</th>
<th>Above average</th>
<th>Excellent</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Orthopaedic knowledge of the North American doctors</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>b. Cultural competence of the North American doctors</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>c. Organization of the observership program</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>d. Duration of the observership program</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>
Perceived Impact and Outcomes of the Observership Program:

The following questions relate to the impact and outcomes of your participation in a North American observership program.

24. Of the knowledge gained from the observership, to what extent have you been able to incorporate any of the following skills you gained into your practice?

<table>
<thead>
<tr>
<th>Skill Description</th>
<th>Not at all</th>
<th>Slightly</th>
<th>Moderately</th>
<th>Considerably</th>
<th>A great deal</th>
<th>Not Applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. New treatment protocols</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Diagnostic skills</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Operative skills</td>
<td></td>
<td></td>
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<tr>
<td>d. Patient education strategies</td>
<td></td>
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<tr>
<td>e. Clinical decision-making</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>f. Teaching skills</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. Conducting research</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>h. Cultural competency skills</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>i. Presentation skills</td>
<td></td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>j. Other skill</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Other new skill (please describe):

24a. Please explain why you have been unable to incorporate any knowledge gained from the observership program into your practice.

______________________________
25. To what extent did you experience the following barriers upon returning from your observership that prevented you from implementing changes to your practice?

<table>
<thead>
<tr>
<th>a. Government/hospital lack of funding</th>
<th>Not at all</th>
<th>Slightly</th>
<th>Moderately</th>
<th>Considerably</th>
<th>A great deal</th>
</tr>
</thead>
<tbody>
<tr>
<td>b. Lack of equipment</td>
<td></td>
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<td></td>
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<tr>
<td>c. Lack of appropriately trained support staff</td>
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<tr>
<td>d. Excessive work load</td>
<td></td>
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<tr>
<td>e. Patient/family's inability to afford treatment</td>
<td></td>
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</tr>
<tr>
<td>f. Patient/family's reluctance to accept suggested treatment</td>
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</tr>
<tr>
<td>g. Discouragement from friends/family</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>h. Discouragement from peers</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>i. Discouragement from supervisors</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>j. Other barrier</td>
<td></td>
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</tbody>
</table>

Other barrier (please describe):

______________________________________________________________

26. Following the observership, in what ways have you continued to interact with your faculty sponsor or the observership institution/organization? (Check all that apply)

- □ Maintained contact via email, phone, social media etc.
- □ Clinical consult regarding patient care issues
- □ Research projects
- □ Return visit to the observership institution/organization
- □ Hosted individuals from your observership institution/organization
- □ Continued participation in scientific meetings with faculty from your institution/organization
- □ Other
- □ I have not continued to interact with my faculty sponsor or the observership institution/organization.

Other way you have continued to interact (please describe):

______________________________________________________________

Please review your answer to number 26 above, as there is an inconsistency with your response.
27. To what extent has the observership program helped you in any way achieve the following?

<table>
<thead>
<tr>
<th></th>
<th>Not at all</th>
<th>Slightly</th>
<th>Moderately</th>
<th>Considerably</th>
<th>A great deal</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Improve patient care</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Receive a promotion to a higher academic rank or leadership position</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Participate in a research presentation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Publish research in a peer-reviewed journal</td>
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<tr>
<td>e. Write a book chapter</td>
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</tr>
<tr>
<td>f. Become a member of a professional society</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. Get elected to a leadership position in a professional society</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>h. Improve your socioeconomic standing</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
28. Please rate the following statements as they apply to your perceptions of the impact/outcomes of participating in an observership program in North America on you.

<table>
<thead>
<tr>
<th>Statement</th>
<th>Strongly Disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. I formed relationships with the residents/faculty at my North American observership site that will be beneficial to me professionally.</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>b. I gained relevant orthopaedic knowledge.</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>c. I gained relevant surgical skills.</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>d. I improved my cultural competence.</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>
## 29. Please rate the following statements as they apply to your perceptions of the impact/outcomes of participating in an observership program in North America on the North American partners.

<table>
<thead>
<tr>
<th>Statement</th>
<th>Strongly Disagree</th>
<th>Disagree</th>
<th>Neutral</th>
<th>Agree</th>
<th>Strongly Agree</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. The North American partners gained relevant orthopaedic knowledge from me.</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>b. The North American partners gained relevant surgical skills from me.</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>c. The North American partners improved their cultural competence.</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>d. My presence interfered with the delivery of clinical care by the North American partners.</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>e. My presence enhanced the delivery of clinical care by the North American partners.</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
<td>○</td>
</tr>
</tbody>
</table>

### 30. Since you have returned, approximately how many orthopaedic surgeons/trainees have you shared the knowledge/skills that you gained from your observership program?

- ○ I have not shared the knowledge/skills I gained with others.
- ○ 1-10
- ○ 11-20
- ○ 21-30
- ○ 31-40
- ○ 41-50
- ○ 51-100
- ○ Other amount

Other amount (please describe): ____________________________________________

### 31. What was the most significant impact the North American observership had on you?

__________________________________________

### 32. My North American host institution/organization examined the quality/outcomes of their observership program by obtaining my feedback.

- ○ Yes
- ○ No

### 33. Have you encouraged other international surgeons to apply for an observership experience in North America?

- ○ Yes
- ○ No

### 33a. If not, explain why:

__________________________________________

### 34. What is the single most important change you would like to see in the observership program you participated in?

__________________________________________
### Additional Comments:

35. Do you have any other suggestions for how the observership program could be improved? Is there anything else that you would like to share with us about your observership experience?

---

36. Other than the observership program referenced in your invitation email, have you participated in any additional observership programs in North America?

- Yes
- No

36a. How many other North American observerships?

---

### Acknowledgement for Participation:

37. We appreciate your time completing this survey. Would you like to be acknowledged in the peer-reviewed publication for participating in this study?

- Yes
- No

### Optional Follow-Up Interview:

38. Would you be willing to participate in a web-based/video interview to further discuss your experiences?

- Yes
- No

### Please provide the following:

#### Your Name:

(First and Last Name)

---

#### Your Email Address:

---

#### Your Phone Number:

---
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Marcio Sanches
Matias Sepulveda
Matias Desperes
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Mohamed Hassanein
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