

# Resident Involvement and Publication Rates at the Mid-America Orthopaedic Association Annual Meetings

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## Introduction

- The Mid-America Orthopaedic Association (MAOA) traditionally has a large number of residents in attendance.
- The purpose of this study is to determine the percentages of residents presenting at the MAOA as well as the rate at which these resulted in a publication.

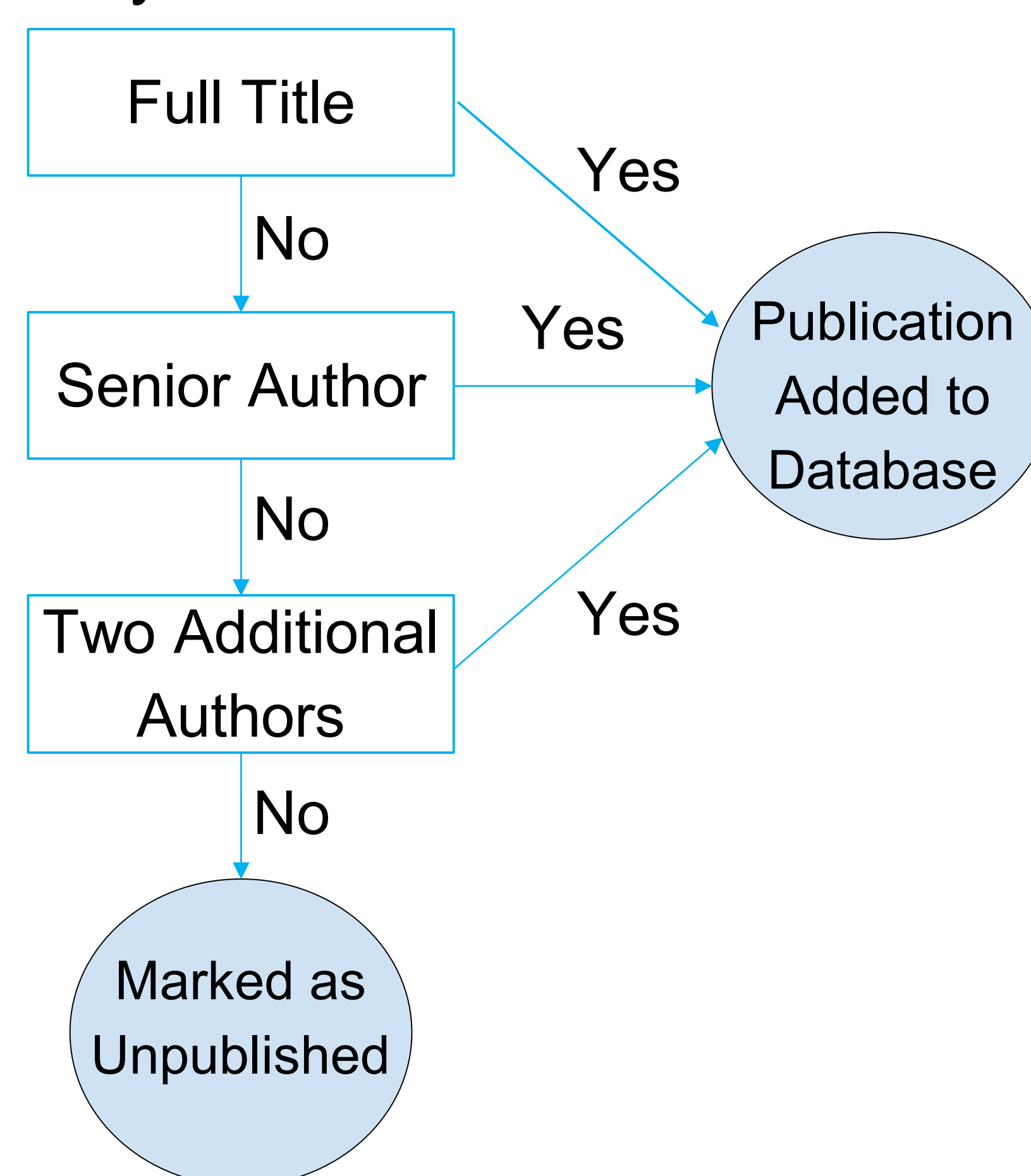
## Methods

- Presentation data for 2012 – 2016 was provided by the MAOA
- All 1,113 presentations were catalogued in a database including the presentation title, subspecialty category, presenting author's credentials (medical student, resident, fellow, attending, etc.), and additional authors.
- A systematic PubMed search was conducted.
- If the search discovered an associated publication, the publishing journal and the publication date were added to the database.
- At the conclusion of the systematic search, the data was analyzed to determine publication rates, subspecialty distributions, and resident involvement at the MAOA annual meeting.
- These results were compared to similar data of other reputable annual meetings.

Resident Involvement and Publication Rates of Presentations Delivered at the MAOA Annual Meetings

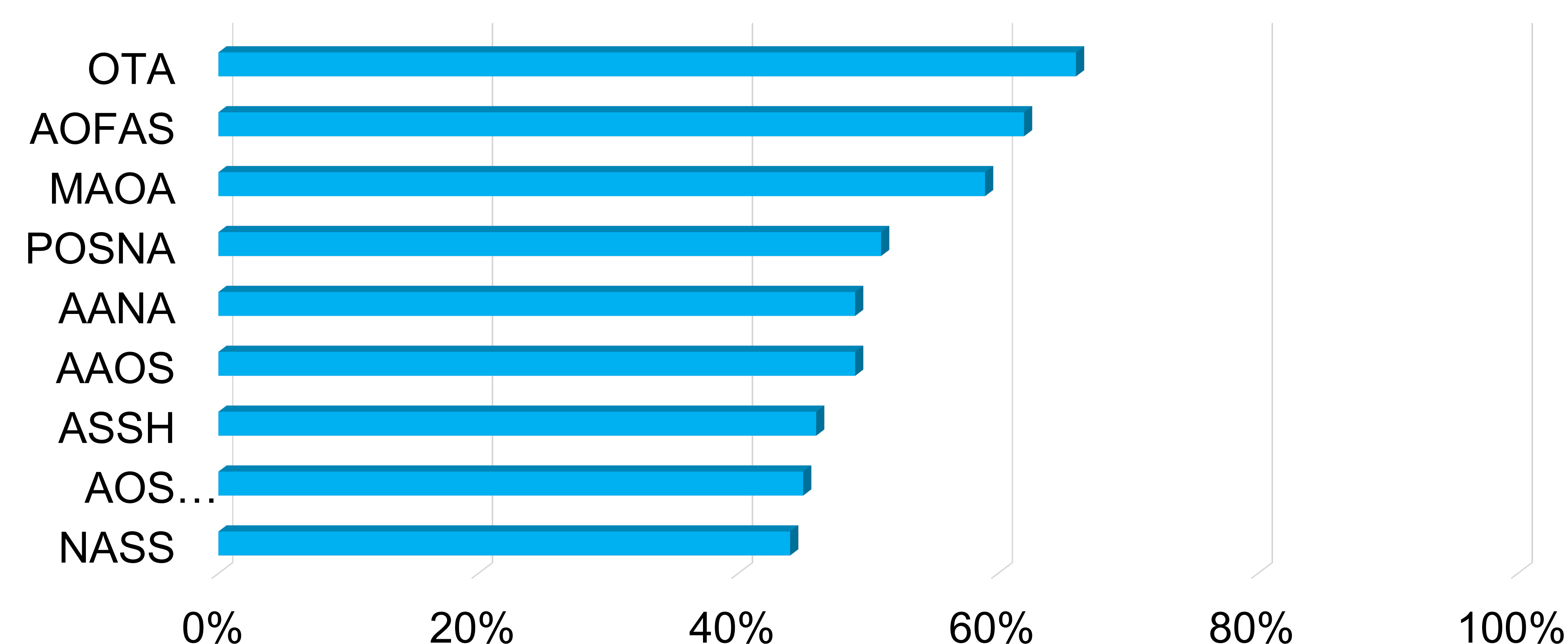
Year	Resident Presentations	Total Presentations	Resident Publications	Total Publications
2012	99	195	68	125
2013	118	221	66	138
2014	118	206	81	141
2015	146	256	98	154
2016	150	235	65	97
<b>Total</b>	<b>631</b>	<b>1,113</b>	<b>378</b>	<b>655</b>
<b>Resident %</b>	<b>56.7%</b>		<b>57.7%</b>	

Systematic PubMed Search



Journal Title	Publications
Journal of Arthroplasty	114
The Journal of Bone & Joint Surgery	57
Clinical Orthopaedics & Related Research	53
Journal of Shoulder & Elbow Surgery	40
American Journal of Sports Medicine	37
Orthopedics	33
Journal of Orthopaedic Trauma	26
Journal of Knee Surgery	21
Foot & Ankle International	21
Arthroscopy	17
Journal of Hand Surgery	18
Journal of Pediatric Orthopaedics	16
American Journal of Orthopedics	12
*85 Journals with <10 Publications	

Publication Rates of Annual Meetings



## Results

- 1,113 presentations from 2012 to 2016 at the MAOA annual meetings, 631 of them were presented by residents. (57%)
- 655 of the 1,113 were discovered to be associated with a publication in a peer-reviewed journal through the systematic PubMed search. Overall publication rate of 59%.
- Of the 631 resident presentations, 378 led to a publication. This is a 60% publication rate for presentations given by a resident.
- These publications were in over 90 different journals with The Journal of Arthroplasty, The Journal of Bone & Joint Surgery, and Clinical Orthopaedics & Related Research being the top three publishing journals (see figure).

## Discussion

- The MAOA's 59% publication rate is favorable in comparison to many other reputable annual meetings (see figure).
- This reinforces the validity and reputation of the research that is presented at the MAOA annual meeting.
- High rate of resident involvement at the MAOA annual meeting.
- Further study needed to determine how this compares to other reputable annual meetings.