1621: Trends in Neurosurgery Residency Applicant Data from NRMP Reports

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Disclosures

No disclosures relevant to the subject material of this presentation.
Introduction

• The neurosurgery resident match process is arduous
• We reviewed NRMP-generated reports of residency applicant surveys from 2011 to 2019
• Temporal trends in the neurosurgery match were identified and compared with trends in other specialties
Methods

• We reviewed NRMP Results of Applicant Survey reports from 2011-2019, performed biannually
• Applicants from U.S. medical schools were studied
Results

• Among all U.S. applicants, applicants to neurosurgery receive the highest number of interview offers
  • Median 23, IQR 13-30
  • Second place: orthopedic surgery (median 18)

• Applicants to neurosurgery attend the highest number of interviews
  • Median 16, IQR 13-19
  • Second place: plastic surgery (median 14)

• The number of neurosurgery interview offers increased by 2 per year
• The number of neurosurgery interviews attended increased by 1 per year
Results

• Top 5 factors for applicants in ranking neurosurgery programs
  • Overall goodness of fit
  • Reputation of program
  • Quality of residents in the program
  • Quality of faculty
  • Interview day experience
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• Similar to applicants ranking other specialties
Discussion

• In several important metrics neurosurgery has the most strenuous recruitment process
Summary Points

- Neurosurgery applicants attend more interviews than applicants to other specialties
- Neurosurgery applicants seek similar qualities in training programs compared with applicants to other specialties