Advancing Holistic Review with the AAMC PREview™ Exam

NAAHP 2023 Regional Conferences
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Agenda

• Way Back When: Developing a Situational Judgment Test
• 2022: Moving from Pilot to Fully Operational
• 2023: Continuing to Grow and Enhancing Our Services
Way Back When: Developing a Situational Judgment Test
The PREview™ exam is intended to signal that professional competencies are integral to medical education.
Provides a tool for schools to evaluate professional readiness earlier in the application process.

- Offer a balance to academic metrics.
- Introduce holistic review in a high-volume context.
- Support consistent evaluation and comparison of applicants’ pre-professional competencies.
- Broaden the diversity of applicants considered.
Competencies Are Assessed Using a Proven Method

- Reduces risk of measuring irrelevant information
- Provides reliable scores that can be compared across years
- Offers examinees choice

**Scenario 5 of 30**

While viewing a classmate’s social media profile, you notice that your classmate has made negative comments about treating a recent patient. Your classmate describes the patient and the patient’s condition in detail, which violates patient privacy regulations.

Please rate the effectiveness of each response to this situation.

1. Explain to your classmate the importance of patient privacy and ask them to remove the comments.
   - Very Ineffective
   - Ineffective
   - Effective
   - Very Effective

2. Report your classmate’s behavior as a privacy violation.
   - Very Ineffective
   - Ineffective
   - Effective
   - Very Effective

3. Read through your classmate’s previous comments to see how often they comment about patients.
   - Very Ineffective
   - Ineffective
   - Effective
   - Very Effective

4. Let other students know your classmate should not be trusted with private information.
   - Very Ineffective
   - Ineffective
   - Effective
   - Very Effective

5. Suggest your classmate remove the comments as soon as possible.
   - Very Ineffective
   - Ineffective
   - Effective
   - Very Effective
Enables Holistic Review

• Professional competencies can be considered in a high-volume context

• Potential to broaden the applicant pool considered for interviews
# Resources and Data About the PREview Exam

## Using AAMC PREview™ Data in 2023 Medical Student Selection

Access the Using AAMC PREview Data in 2023 Medical Student Selection guide, which includes information about the design, interpretation, and use of the PREview exam.

## Tools for Schools Using the PREview Exam

Access resources, data, and tools to help admissions officers and their committees use PREview scores in medical student selection. (Sign-In Required)

## PREview Research

Explore data and research studies that evaluate the validity, psychometrics, fairness, and use of the PREview exam.

## PREview Presentations

Explore recorded webinars and presentation slides that cover PREview administration updates and results from the ongoing research and evaluation on the PREview exam.
Development and Evaluation Engages the Community

- Competency Modeling
- Critical Incident Writing
- Item Writing
- Content Review
- Scoring Key Development
- Testing
Students Are Top of Mind

- Online delivery for flexibility
- Remote proctoring for secure and fair testing
- Multiple-choice format for valid and reliable scores
- Score equating to ensure scores have same meaning across time
- Fee structure designed for unlimited score distribution
- Free preparation resources
A Pilot Helps Us Build the Infrastructure

Study findings built a body of evidence:
- SJT is reliable
- SJT is valid
- SJT predicts performance
- SJT adds unique information to the admissions process
2022: Moving from Pilot to Fully Operational
2022 Was a Year of Expansion

- 18 schools participated
- 17,591 scores delivered
- 20 percent of all exams completed using FAP
- 115 exams delivered with accommodations
- Scores uploaded into the AMCAS® application
Examinees Report Positive Experiences with the Exam

Process to set up was easy to complete
- 70% (2022), 69% (2021), 57% (2020)
- 94% (2022), 94% (2021), 93% (2020)
- 83% (2022), 86% (2021), 82% (2020)
- 80% (2022), 85% (2021), 75% (2020)
- 90% (2022), 90% (2021), 85% (2020)
- 70% (2022), 69% (2021), 57% (2020)
- 11% (2022), 13% (2021), 12% (2020)

Understood remote proctor's instructions
- 94% (2022), 94% (2021), 94% (2020)
- 83% (2022), 86% (2021), 87% (2020)
- 75% (2022), 93% (2021), 92% (2020)
- 90% (2022), 90% (2021), 82% (2020)
- 80% (2022), 85% (2021), 75% (2020)
- 70% (2022), 69% (2021), 57% (2020)
- 11% (2022), 13% (2021), 12% (2020)

Remote proctor responded quickly when asking for assistance
- 83% (2022), 86% (2021), 87% (2020)
- 75% (2022), 93% (2021), 92% (2020)
- 90% (2022), 90% (2021), 82% (2020)
- 80% (2022), 85% (2021), 75% (2020)
- 70% (2022), 69% (2021), 57% (2020)
- 11% (2022), 13% (2021), 12% (2020)

Instructions during test were easy to understand
- 83% (2022), 86% (2021), 87% (2020)
- 75% (2022), 93% (2021), 92% (2020)
- 90% (2022), 90% (2021), 82% (2020)
- 80% (2022), 85% (2021), 75% (2020)
- 70% (2022), 69% (2021), 57% (2020)
- 11% (2022), 13% (2021), 12% (2020)

Online test experience was more convenient than an in-person test
- 83% (2022), 86% (2021), 87% (2020)
- 75% (2022), 93% (2021), 92% (2020)
- 90% (2022), 90% (2021), 82% (2020)
- 80% (2022), 85% (2021), 75% (2020)
- 70% (2022), 69% (2021), 57% (2020)
- 11% (2022), 13% (2021), 12% (2020)

Supports use of online exam over in-person test in the future
- 83% (2022), 86% (2021), 87% (2020)
- 75% (2022), 93% (2021), 92% (2020)
- 90% (2022), 90% (2021), 82% (2020)
- 80% (2022), 85% (2021), 75% (2020)
- 70% (2022), 69% (2021), 57% (2020)
- 11% (2022), 13% (2021), 12% (2020)

Strongly Disagree or Disagree: 19% 18% 12%
Neither Agree Nor Disagree: 7% 4% 4%
Strongly Agree or Agree: 94% 94% 94%
More Examinees Tested Earlier in 2022

Total Completed Exams in 2021 (N = 11,236)

- June 2021: N = 932 (16%)
- July 2021: N = 905 (25%)
- August 2021: N = 2,794 (18%)
- September 2021: N = 1,972 (28%)
- October 2021: N = 1,346 (13%)

Total Completed Exams in 2022 (N = 17,591)

- June 2022: N = 4,224 (24%)
- July 2022: N = 4,675 (27%)
- August 2022: N = 3,757 (21%)
- September 2022: N = 3,589 (20%)
- October 2022: N = 1,346 (8%)

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Slight Increase in Mean PREview Score

Summary of AAMC® PREview™ Professional Readiness Exam Scores
(Formerly Situational Judgment Test)
Percentile Ranks in Effect May 1, 2022 – April 30, 2023
N = 19,253

Mean = 4.84
Std.Deviation = 1.96
Median = 5
Some Variability in Scores Across Groups

<table>
<thead>
<tr>
<th>Group</th>
<th>Mean</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall (mean = 4.99; N = 36,843)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gender</td>
<td></td>
<td></td>
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<tr>
<td>Male (mean = 4.74; n = 13,651)</td>
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<td></td>
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<tr>
<td>Female (mean = 5.23; n = 20,660)</td>
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<tr>
<td>Race/Ethnicity</td>
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<td></td>
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<tr>
<td>White (mean = 5.19; n = 12,390)</td>
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<tr>
<td>Black or African American (mean = 4.39; n = 3,768)</td>
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<tr>
<td>Hispanic (mean = 4.65; n = 3,472)</td>
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<tr>
<td>Asian (mean = 5.17; n = 11,186)</td>
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<tr>
<td>American Indian or Alaska Native (mean = 4.87; n = 286)</td>
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<tr>
<td>Native Hawaiian or Other Pacific Islander (mean = 4.85; n = 207)</td>
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<tr>
<td>Fee Assistance</td>
<td></td>
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<tr>
<td>Did not apply (mean = 5.10; n = 21,457)</td>
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<tr>
<td>Did not receive (mean = 5.07; n = 6,795)</td>
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<tr>
<td>Received (mean = 4.74; n = 6,273)</td>
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<tr>
<td>Socioeconomic Status</td>
<td></td>
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<tr>
<td>EO 3-5 (higher SES) (mean = 5.16; n = 22,652)</td>
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</tr>
<tr>
<td>EO 1-2 (lower SES) (mean = 4.81; n = 8,322)</td>
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Note
The total number of exams administered from 2020 to 2022 was 36,843. These results include scores from 1,736 examinees who tested more than once in the 3 years of administration. Data reflect examinees who applied to at least one MD-granting school and reported information in their AMCAS® or TMDSAS® application. Data are unavailable for examinees who applied to a DO-granting school only.
Examinees, Schools, and Advisors Receive the Same Score Information:

- Total Score
- Confidence Band
- Percentile Rank
Schools Use Scores at Different Stages

**Prescreening**, as a complement to academic metrics (MCAT, GPA).

**Screening**, alongside other application information to select applicants for interview.

**Selecting applicants for admission**, alongside application information and interview scores.
Schools Use Scores Holistically

- Considered alongside other application information
- Viewed as a “plus factor” or opportunity to strengthen the application
- Given low weight relatively to other pieces of the application
2023: Continuing to Grow and Enhancing Our Services
Continuous Growth to Support Schools, Students, and Advisors

- Flat fee of $100 including unlimited score delivery; Free with AAMC Fee Assistance Program (FAP) approval
- Examinees and schools receive scale score, percentile, confidence band
- PREview scores are comparable year over year

<table>
<thead>
<tr>
<th>Year</th>
<th>Schools</th>
<th>Examinees</th>
<th>Start Date</th>
<th>Score Release</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>2</td>
<td>~8K</td>
<td>Sept-Oct</td>
<td>Oct</td>
</tr>
<tr>
<td>2021</td>
<td>6</td>
<td>~11K</td>
<td>Jun-Oct</td>
<td>Jul</td>
</tr>
<tr>
<td>2022</td>
<td>18</td>
<td>~18K</td>
<td>Jun-Oct</td>
<td>Jul via AMCAS® Data Exchange Service</td>
</tr>
<tr>
<td>2023</td>
<td>30+</td>
<td>~20K</td>
<td>Mar-Oct</td>
<td>June via AMCAS® DES</td>
</tr>
</tbody>
</table>

Free preparation resources for examinees + Guidance and training for schools Expanding outreach to applicants
Scores are uploaded into the AMCAS® application. AAMC has advised schools using scores to clearly communicate when and how scores will be used. Any schools not using scores in their admissions process are advised to “turn off” scores in their application system.
Earlier Testing and Score Delivery

<table>
<thead>
<tr>
<th>Window</th>
<th>Test Dates</th>
<th>Score Release</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>March 16 &amp; 17</td>
<td>April 18</td>
</tr>
<tr>
<td>2</td>
<td>May 10 &amp; 11</td>
<td>June 13</td>
</tr>
<tr>
<td>3</td>
<td>June 14 &amp; 15</td>
<td>July 18</td>
</tr>
<tr>
<td>4</td>
<td>July 12 &amp; 13</td>
<td>August 15</td>
</tr>
<tr>
<td>5</td>
<td>August 16 &amp; 17</td>
<td>September 19</td>
</tr>
<tr>
<td>6</td>
<td>September 13 &amp; 14</td>
<td>October 17</td>
</tr>
<tr>
<td>7</td>
<td>October 11 &amp; 12</td>
<td>November 9</td>
</tr>
</tbody>
</table>

- PREview scores delivered via the AMCAS®
- Schools receive PREview scale score, percentile, confidence band.
- PREview scores are comparable year over year.
- New! Applicants can self-report their PREview test date in AMCAS to share with schools.
AMCAS Applicants Can Report Future Test Date

Please remember to keep this information current, especially after initial submission, as it alerts medical schools when to expect your PREview exam scores.

Medical schools need to know if they should expect future PREview scores in support of your application. Do you have an upcoming or recently taken PREview exam date where official PREview scores have yet to be released?

- Yes
- No

Here's an example of what kinds of tests some applicants enter:
- Test Name: GRE
  - Test Date: January 1, 2004
  - Test Section: Verbal
  - Score: 680
Extra Time and Breaks Are the Most Frequently Requested Accommodations

- Review Testing Conditions
- Consult “Resources Not Requiring Prior Approval”
- Consider Application Cycles and Important Dates
- Review Documentation Requirements
- Submit Application and Supporting Documentation
Some Resources Require Prior Notification

But Not an Application

Notification should be sent to:

Previewaccommodations@aamc.org

No later than two (2) weeks prior to the testing window.
Increasing Outreach to, Collaboration with, and Information for Advisors

- Launched a Working Group
- Developed a Web Page
- Releasing Scores to the AIS
- Presenting at Meetings
- Developing an Advisor Guide
- Organizing a Guide Review Group
PREview Differs From CASPer in Five Key Ways

<table>
<thead>
<tr>
<th></th>
<th>PREview</th>
<th>CASPer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Competencies</td>
<td>Targets core competencies for entering medical students</td>
<td>Targets social intelligence and professionalism</td>
</tr>
<tr>
<td>Design/Format</td>
<td>Fixed-form response</td>
<td>Open-ended response</td>
</tr>
<tr>
<td>Scoring</td>
<td>Items rated by diverse members of the medical education community</td>
<td>Examinees' responses scored by diverse people</td>
</tr>
<tr>
<td>Score Equating</td>
<td>Scores comparable within and across years; Examinees can choose to retake exam if reapplying</td>
<td>Scores comparable within year; Examinees must retake exam if reapplying</td>
</tr>
<tr>
<td>Cost</td>
<td>$100/Unlimited score release</td>
<td>$85/Score release to 7 programs + $16 each additional program</td>
</tr>
</tbody>
</table>
New Resources to Support Schools Using PREview Scores

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Coming Soon! Mini Courses for Conducting PREview Research

• Practical and methodological considerations
• Studying admissions data
• Studying existing outcomes
• Studying outcomes collected for research only
• Considerations for data analysis and interpretation of results