

**Response to the UT PA PANCE Pass Rate
April 2023**

The UT PA program is disappointed that we did not meet the goal of a PANCE pass rate consistent with the national average. We are in the process of conducting a thorough analysis of variables that contribute to pass rate success. Until this analysis is complete, we can provide the following information regarding the initial review and plans moving forward to ensure student success for the current and incoming students.

- Regarding the previous cohort performance, we are pleased there was an overall increase in the average PANCE score, this is an indication that prior modifications were partially successful.
- Initial analysis of data revealed the following:
 - Admissions- the only predictive variable is the PA-CAT score. As a result, we require the PA-CAT for admission.
 - Performance while in training- we have noted the following to be predictive of PANCE success:
 - A GPA of greater than 3.5 while in PA training.
 - End of curriculum (EOC) scores greater than 1500.
 - E-Packrat scores of greater than 145.
 - End of rotation (EOR) exam scores greater than 400.
 - Failure of less than 7 didactic exams.

The following modifications were made to address the low PANCE pass rate.

2020 COHORT

- The passing rate on the EOR was 2 SD from the mean and we modified it to 1.5 SD the summer of 2022.
- The EOC passing score was modified to 1.5 SD from the mean.
- The didactic summative was modified to a criterion for progression.
- Exams are of higher rigor with 5 answer choices and scenario based were established.
- Educational support and individual remediation programs were established.
- Students and faculty advisors were emailed the risk scoring equations to assist them in identifying their predicted pance score.

2021/22 AND FUTURE COHORTS

- The minimal passing score on the EOR was raised to 1 SD from the mean (generally around a 385).
- The minimal passing score on the EOC was raised to 1500.
- A PANCE review is included at the end of each return to campus visit.
- The timing of the summative exam has been moved to allow those who fail it to complete a comprehensive remediation process before graduation.
- Rosh PANCE review was purchased and is required.
- End of rotation OSCEs have been changed to more rigorous problem-based cases.
- Failure of greater than 7 didactic exams is a dismissal criterion.

- Analysis of clinical medicine and pharmacotherapeutics for 2019 and 2020 cohort revealed these courses were delivered and assessed at the recall level. These courses are now instructed with increased rigor of delivery and assessment.

Additional Modifications

2023 Cohort Student Success Course

- This course will be embedded into PAM 620 and students will be assigned to complete it as part of the curriculum. It includes content on study, time management, and other items for success as a PA student.

All Cohorts- Risk Modeling

- We are calculating at-risk profiles for each student based on EOR, e-Packrats, and EOC scores.
- Part of the summative grade will be an “at-risk” score.
- If the student is determined to be in the “critical at-risk” category for failing the PANCE- they will fail the summative and retake the course during the spring.

All Cohorts- Student Academic Coaching

- Students identified as “at-risk” by the statistical scoring model will be required to participate in academic coaching with trained coaches.
- This once per month training includes identifying more effective study skills.
- This does not take the place of individual remediation or any efforts the UTPA faculty are also taking in the education process.

Faculty training

- Faculty workshop to learn more effective ways to identify at-risk students and how to assist them through remediation, academic coaching, and study skills training.
- Faculty workshops on improving presentation skills and dynamic speaking as well as problem-based case education and test item construction.

Student PANCE Prep Assignment

- During the clinical phase, students will actively participate in a personal PANCE risk assessment and meet with their advisor once per semester (or more frequently) to discuss their risk level and the steps they are taking to prepare for the PANCE.

We have already seen great improvement in academic performance from the modifications made and are certain the effect will be higher PANCE scores.

We are exceptionally proud of our graduates, they are working in all medical fields, many here in the Tampa Bay area. They represent the best of us and are fulfilling our mission of providing quality healthcare in their communities every day.

If you have any questions about the information in this document, please reach out to the program director at jyealy@ut.edu