Daemen College
Physician Assistant Department’s

5 Year EPC Review and Self-Study
MISSION

The Daemen College Physician Assistant Program will educate capable individuals to meet the challenges of providing quality patient care with great autonomy in a team-based model.
EXPECTED LEARNING OUTCOMES

1. Graduate the student with the requisite medical knowledge and skills to pass the national certification examination and to practice medicine as a physician assistant.

2. Educate the student to function as a competent, compassionate and dedicated physician assistant with the ability to effectively access, evaluate, and apply relevant and valid information using a variety of resources.

3. Sensitize the student to the diversity of healthcare needs and the impact of socioeconomic factors on health care and its availability.

4. Educate the student with the intent of having them provide patient care in medically underserved areas or to underserved populations.

5. Foster in each student a desire to pursue medical education as a continuous and lifelong process.
Benchmark Example #1

We strive to have our graduates score at or above the national mean for each content and skill area on the Physician Assistant National Certifying Examination (PANCE) administered by the National Commission on Certification of Physician Assistants (NCCPA).
APPLYING SCIENTIFIC CONCEPTS

DAEMEN PA PROGRAM
NATIONAL

NCCPA PANCE PERFORMANCE
HISTORY TAKING AND PERFORMING PHYSICAL EXAMS


DAEMEN PA PROGRAM
NATIONAL

NCCPA PANCE PERFORMANCE
FORMULATING MOST LIKELY DIAGNOSIS

DAEMEN PA PROGRAM
NATIONAL

NCCPA PANCE PERFORMANCE
USING LAB AND DIAGNOSTIC STUDIES

DAEMEN PA PROGRAM
NATIONAL

NCCPA PANE PERFORMANCE
HEALTH MAINTENANCE

DAEMEN PA PROGRAM
NATIONAL

NCCPA PANCE PERFORMANCE
CLINICAL THERAPEUTICS

DAEMEN PA PROGRAM
NATIONAL
NCCPA PANCE PERFORMANCE
REPRODUCTIVE

DAEMEN PA PROGRAM
NATIONAL

NCCPA PANCE PERFORMANCE
PULMONARY

DAEMEN PA PROGRAM
NATIONAL

NCCPA PANCE PERFORMANCE
PSYCHIATRY/BEHAVIORAL HEALTH

DAEMEN PA PROGRAM
NATIONAL

NCCPA PANCE PERFORMANCE
NEUROLOGY

DAEMEN PA PROGRAM
NATIONAL

NCCPA PANCE PERFORMANCE
MUSCULOSKELETAL


DAEMEN PA PROGRAM
NATIONAL

NCCPA PANCE PERFORMANCE
<table>
<thead>
<tr>
<th>Year</th>
<th>DAEMEN PA PROGRAM</th>
<th>NATIONAL</th>
<th>NCCPA PANCE PERFORMANCE</th>
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<td>2017</td>
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GI/NUTRITIONAL

DAEMEN PA PROGRAM
NATIONAL

NCCPA PANCE PERFORMANCE
ENOCRINE

DAEMEN PA PROGRAM
NATIONAL

NCCPA PANCE PERFORMANCE
CARDIOVASCULAR

DAEMEN PA PROGRAM
NATIONAL

NCCPA PANCE PERFORMANCE
Benchmark Example #2

We strive to have our new graduates self-report a level of preparation for the daily challenges of clinical practice of <2.0 or “prepared” (on a scale of 1 to 5) in each of the following skills areas:

- Basic Medical Knowledge-Factual Information
- Physical Diagnosis-Ability to Elicit an Accurate History and Physical Exam
- Basic Clinical Procedures
- Research Methodology-Ability to Search and Interpret the Literature
- Professional Practice-Understanding PA Role and Responsibility
BASIC MEDICAL SCIENCE KNOWLEDGE
FACTUAL INFORMATION

Graduation Survey Data

BENCHMARK GOAL < 2.0 Prepared

1 Well Prepared
2 Prepared
3 No Opinion
4 Unprepared
5 Extremely Unprepared

Class of 2010
Class of 2011
Class of 2012
Class of 2013
Class of 2014
Class of 2015
Class of 2016
Class of 2017
Class of 2018
RESEARCH METHODOLOGY
ABILITY TO SEARCH AND INTERPRET THE LITERATURE

Graduation Survey Data

BENCHMARK GOAL <2.0 Prepared

1 Well Prepared
2 Prepared
3 No Opinion
4 Unprepared
5 Extremely Unprepared

Class of 2010  Class of 2011  Class of 2012  Class of 2013  Class of 2014  Class of 2015  Class of 2016  Class of 2017  Class of 2018
PROFESSIONAL PRACTICE
UNDERSTANDING PA ROLE AND RESPONSIBILITY

Graduation Survey Data

BENCHMARK GOAL <2.0 Prepared

Class of 2013  Class of 2014  Class of 2015  Class of 2016  Class of 2017  Class of 2018

1 Well Prepared
2 Prepared
3 No Opinion
4 Unprepared
5 Extremely Unprepared
Benchmark Example #3

We strive to have our new graduates self-report a level of competency of <2.0 or “good” (on a scale of 1 to 5) for each of the competencies for the profession adopted by the four national PA organizations (NCCPA, PAEA, ARC-PA, and AAPA).
Identify signs and symptoms of medical conditions

Competency Survey @ Graduation

<table>
<thead>
<tr>
<th>Class</th>
<th>Score</th>
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</thead>
<tbody>
<tr>
<td>Class of 2010</td>
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<td>Class of 2017</td>
<td>2.20</td>
</tr>
<tr>
<td>Class of 2018</td>
<td>2.40</td>
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</tbody>
</table>

Benchmark Goal: <2.0 Good
Understand etiologies, risk factors, underlying pathologic process, and epidemiology for medical conditions

Competency Survey @ Graduation

Benchmark Goal <2.0 Good

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor
Gather essential and accurate information about their patients

Competency Survey @ Graduation

Benchmark Goal <2.0 Good

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor

Class of 2010  Class of 2011  Class of 2012  Class of 2013  Class of 2015  Class of 2016  Class of 2017  Class of 2018
Differentiate between the normal and the abnormal in anatomic, physiological, laboratory findings and other diagnostic data

Competency Survey @ Graduation

Benchmark Goal <2.0 Good

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor

Class of 2010  Class of 2011  Class of 2012  Class of 2013  Class of 2015  Class of 2016  Class of 2017  Class of 2018
 Appropriately use history and physical findings and diagnostic studies to formulate a differential diagnosis.
Select and interpret appropriate diagnostic or lab studies

Competency Survey @ Graduation

Class of 2010  Class of 2011  Class of 2012  Class of 2013  Class of 2015  Class of 2016  Class of 2017  Class of 2018

BENCHMARK GOAL <2.0 Good

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor
Identify the appropriate site of care for presenting conditions, including identifying emergent cases and those requiring referral or admission.
Clinical Decision Making-Critical Thinking Ability

Graduation Survey Data

BENCHMARK GOAL <2.0 Good

Class of 2010 | Class of 2011 | Class of 2012 | Class of 2013 | Class of 2014 | Class of 2015 | Class of 2016 | Class of 2017 | Class of 2018

1 Well Prepared
2 Prepared
3 No Opinion
4 Unprepared
5 Extremely Unprepared
Identify the appropriate methods to detect conditions in an asymptomatic individual

Competency Survey @ Graduation

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor

BENCHMARK GOAL ≤2.0 Good
Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment.

Competency Survey @ Graduation

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor

BENCHMARK GOAL <2.0 Good

Class of 2010  Class of 2011  Class of 2012  Class of 2013  Class of 2015  Class of 2016  Class of 2017  Class of 2018
Manage general medical and surgical conditions to include understanding the indications, contraindications, side effects, interactions and adverse reactions of pharmacologic agents and other relevant treatment modalities.
Develop and carry out patient management plans

Class of 2010  Class of 2011  Class of 2012  Class of 2013  Class of 2015  Class of 2016  Class of 2017  Class of 2018

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor

Competency Survey @ Graduation
Provide health care services and education aimed at preventing health problems or maintaining health

Competency Survey @ Graduation

BENCHMARK GOAL <2.0 Good

Class of 2010 | Class of 2011 | Class of 2012 | Class of 2013 | Class of 2015 | Class of 2016 | Class of 2017 | Class of 2018
Identify appropriate interventions for prevention of conditions

BENCHMARK GOAL <2.0 Good

Class of 2010: 1.20
Class of 2011: 2.20
Class of 2012: 1.40
Class of 2013: 1.60
Class of 2015: 1.80
Class of 2016: 2.00
Class of 2017: 2.20
Class of 2018: 2.40

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor

Competency Survey @ Graduation
Counsel and educate patients and their families

Competency Survey @ Graduation

Benchmark Goal < 2.0 Good

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor

Class of 2010  Class of 2011  Class of 2012  Class of 2013  Class of 2015  Class of 2016  Class of 2017  Class of 2018
Competently perform medical and surgical procedures considered essential in the area of practice

Competency Survey @ Graduation

Class of 2010  Class of 2011  Class of 2012  Class of 2013  Class of 2015  Class of 2016  Class of 2017  Class of 2018

1 Very good 2 Good 3 Average 4 Poor 5 Very Poor

BENCHMARK GOAL <2.0 Good
Understanding of legal and regulatory requirements, as well as the appropriate role of the physician assistant

Competency Survey @ Graduation

Class of 2010  Class of 2011  Class of 2012  Class of 2013  Class of 2015  Class of 2016  Class of 2017  Class of 2018

BENCHMARK GOAL <2.0 Good

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor
Accept responsibility for promoting a safe environment for patient care and recognizing and correcting systems-based factors that negatively impact patient care.
Partner with supervising physicians, health care managers and other health care providers to assess, coordinate, and improve the delivery of health care and patient outcomes

Competency Survey @ Graduation

BENCHMARK GOAL <2.0 Good

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor
Commitment to ethical principles pertaining to provision or withholding of clinical care, confidentiality of patient information, informed consent, and business practices

Competency Survey @ Graduation

Benchmark Goal <2.0 Good
Commitment to excellence and on-going professional development

DAEMEN COLLEGE

Competency Survey @ Graduation

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor

BENCHMARK GOAL <2.0 Good

Class of 2010 Class of 2011 Class of 2012 Class of 2013 Class of 2015 Class of 2016 Class of 2017 Class of 2018
Professional relationships with physician supervisors and other health care providers

Competency Survey @ Graduation

Benchmark Goal <2.0 Good

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor
Work effectively with physicians and other health care professionals to provide patient-centered care

Competency Survey @ Graduation

BENCHMARK GOAL <2.0 Good

Class of 2010  Class of 2011  Class of 2012  Class of 2013  Class of 2015  Class of 2016  Class of 2017  Class of 2018

1 Very good  2 Good  3 Average  4 Poor  5 Very Poor
Accountability to patients, society, and the profession

Competency Survey @ Graduation

BENCHMARK GOAL <2.0 Good

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<td>2.20</td>
</tr>
<tr>
<td>Class of 2018</td>
<td>2.40</td>
</tr>
</tbody>
</table>
Apply medical information and clinical data systems to provide more effective, efficient patient care

Competency Survey @ Graduation

BENCHMARK GOAL <2.0 Good

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor
Obtain and apply information about their own population of patients and the larger population from which their patients are drawn.
Locate, appraise, and integrate evidence from scientific studies related to their patients’ health problems

Competency Survey @ Graduation

BENCHMARK GOAL <2.0 Good

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor

Class of 2010 | Class of 2011 | Class of 2012 | Class of 2013 | Class of 2015 | Class of 2016 | Class of 2017 | Class of 2018
Use information technology to support patient care decisions and patient education

Competency Survey @ Graduation

BENCHMARK GOAL <2.0 Good

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor

Class of 2010    Class of 2011    Class of 2012    Class of 2013    Class of 2015    Class of 2016    Class of 2017    Class of 2018
Apply information technology to manage information, access on-line medical information, and support their own education

Competency Survey @ Graduation

BENCHMARK GOAL <2.0 Good
Apply knowledge of study designs and statistical methods to the appraisal of clinical studies and other information on diagnostic and therapeutic effectiveness

Competency Survey @ Graduation

1. Very good
2. Good
3. Average
4. Poor
5. Very Poor

BENCHMARK GOAL <2.0 Good

Class of 2010 | Class of 2011 | Class of 2012 | Class of 2013 | Class of 2015 | Class of 2016 | Class of 2017 | Class of 2018
Analyze practice experience and perform practice-based improvement activities using a systematic methodology in concert with other members of the health care delivery team.
Effectively interact with different types of medical practice and delivery systems

Competency Survey @ Graduation

BENCHMARK GOAL <2.0 Agree

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor

Class of 2010  Class of 2011  Class of 2012  Class of 2013  Class of 2015  Class of 2016  Class of 2017  Class of 2018
Understand the funding sources and payment systems that provide coverage for patient care

Competency Survey @ Graduation

BENCHMARK GOAL <2.0 Good

1 Very good 2 Good 3 Average 4 Poor 5 Very Poor
Practice cost-effective health care and resource allocation that does not compromise quality of care

Competency Survey @ Graduation

BENCHMARK GOAL <2.0 Good

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor
Use the systems responsible for the appropriate payment of services

[Bar chart showing competency survey results for graduation classes from 2010 to 2018. The benchmark goal for a rating of 2.0 (Good) is indicated by a red line.]
Advocate for quality patient care and assist patients in dealing with system complexities

Competency Survey @ Graduation

Class of 2010 | Class of 2011 | Class of 2012 | Class of 2013 | Class of 2015 | Class of 2016 | Class of 2017 | Class of 2018

Benchmark Goal <2.0 Good
Recognize and appropriately address gender, cultural, cognitive, emotional and other biases; gaps in medical knowledge; and physical limitations in themselves and others.
Facilitate the learning of students and/or other health care professionals

Competency Survey @ Graduation

BENCHMARK GOAL <2.0 Good

1.00 1.20 1.40 1.60 1.80 2.00 2.20 2.40 2.60 2.80 3.00

Class of 2010  Class of 2011  Class of 2012  Class of 2013  Class of 2015  Class of 2016  Class of 2017  Class of 2018

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor
Self-reflection, critical curiosity and initiative

Competency Survey @ Graduation

BENCHMARK GOAL <2.0 Good

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor

Class of 2010  Class of 2011  Class of 2012  Class of 2013  Class of 2015  Class of 2016  Class of 2017  Class of 2018
Sensitivity and responsiveness to patients’ culture, age, gender, and disabilities

Competency Survey @ Graduation

BENCHMARK GOAL < 2.0 Good

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor
Respect, compassion, and integrity

Competency Survey @ Graduation

BENCHMARK GOAL <2.0 Good

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor

Class of 2010  Class of 2011  Class of 2012  Class of 2013  Class of 2015  Class of 2016  Class of 2017  Class of 2018
Responsiveness to the needs of patients and society

Competency Survey @ Graduation

BENCHMARK GOAL <2.0 Good

Class of 2010 | Class of 2011 | Class of 2012 | Class of 2013 | Class of 2015 | Class of 2016 | Class of 2017 | Class of 2018

1 Very good  
2 Good  
3 Average  
4 Poor  
5 Very Poor
Demonstrate caring and respectful behaviors when interacting with patients and their families

Competency Survey @ Graduation

Benchmark Goal: <2.0 Good

Class of 2010: 1.00
Class of 2011: 1.40
Class of 2012: 1.40
Class of 2013: 1.20
Class of 2015: 1.20
Class of 2016: 1.40
Class of 2017: 1.40
Class of 2018: 1.20

1 Very good
2 Good
3 Average
4 Poor
5 Very Poor
Benchmark Example #4

The program strives to have new graduates self-report that they agree (<2.0 on a Scale of 1 to 5) with each of the following statements:

• I will recommend the Daemen College PA Program
• If I could do it all again, I would still enroll in the Daemen College PA Program
• If I could do it all again, I would still enroll in a PA Program

The program strives to have new graduates self-report that they disagree (>4.0 on a Scale of 1 to 5) with the following statement:

• I will apply to medical school after graduation
I will recommend the Daemen College PA Program

Graduation Survey Data

BENCHMARK GOAL <2.0 Agree

1 Strongly Agree
2 Agree
3 No Opinion
4 Disagree
5 Strongly Disagree

Class of 2010: 1.00
Class of 2011: 1.20
Class of 2012: 1.40
Class of 2013: 1.60
Class of 2014: 1.80
Class of 2015: 2.00
Class of 2016: 2.20
Class of 2017: 2.40
Class of 2018: 2.60
If I could do it again, I would still enroll in Daemen College's PA Program

Graduation Survey Data

BENCHMARK GOAL <2.0 Agree

1 Strongly Agree
2 Agree
3 No Opinion
4 Disagree
5 Strongly Disagree
If I could do it again, I would still enroll in a PA Program

Graduation Survey Data

BENCHMARK GOAL <2.0 Agree

1 Strongly Agree
2 Agree
3 No Opinion
4 Disagree
5 Strongly Disagree
I will apply to medical school after graduation

Graduation Survey Data

Class of 2010  Class of 2011  Class of 2012  Class of 2013  Class of 2014  Class of 2015  Class of 2016  Class of 2017  Class of 2018

Benchmark Goal >4.0 Disagree

1 Strongly Agree 2 Agree 3 No Opinion 4 Disagree 5 Strongly Disagree