

## Predictors and Outcome Variables used in the included Studies

Study References	Predictors Variables	Outcome Variables
Hojat <i>et al.</i> 1993; Markert 1993	NBME I/USMLE I	NBME III
Hojat <i>et al.</i> 1993; Markert 1993	NBME II/USMLE II	
Hojat <i>et al.</i> 1993	Objective Clinical Exam	
Hojat <i>et al.</i> 1993	Exam Grades in Basic Sciences	
Markert 1993	Preclinical GPA	
Markert 1993	Clerkship GPA (clinical performance/ scores)	
Blacklow, Goepp & Hojat 1993	Class Ranks	
Markert 1993; Loftus <i>et al.</i> 1992; Smith 1993; Kahn <i>et al.</i> 2001; Yindra, Rosenfield & Donnelly 1998	NBME I/USMLE I	
Fincher, Lewis & Kuske 1993	Cumulative GPA	
Markert 1993; Loftus <i>et al.</i> 1992	Preclinical GPA (0.25, 0.2)	
Markert 1993, Loftus <i>et al.</i> 1992; Kahn <i>et al.</i> 2001	Clerkship GPA (clinical performance/ scores)	
Vu <i>et al.</i> 1993	Clinical Competence (post-clerkship score)	
Arnold & Willoughby 1993	Clerkship Rating	
Pearson, Rolfe & Henry 1998	Professional Skills	
Pearson, Rolfe & Henry 1998	Critical Reasoning	
Pearson, Rolfe & Henry 1998	Population Medicine	
Pearson, Rolfe & Henry 1998	Self-Directed Learning	
Arnold & Willoughby 1993	Final Year MD Exam Scores and Subscores	
Fincher, Lewis & Kuske 1993	Medical School GPA Ranking	
Fincher, Lewis & Kuske 1993	First Year Student Self Assessment (readiness for internship)	
Loftus <i>et al.</i> 1992, Kahn <i>et al.</i> 2001	First Year Student Ranking (using Dean's Letter)	
Loftus <i>et al.</i> 1992	Ranking with Criterion Reference	
Loftus <i>et al.</i> 1992	Ranking with Norm Reference	
Loftus <i>et al.</i> 1992; Kahn <i>et al.</i> 2001	Honours Society	
Loftus <i>et al.</i> 1992	Intern's Selection Committee Score	
Loftus <i>et al.</i> 1992; Kahn <i>et al.</i> 2001	OSCE in Senior Year	

<b>Study References</b>	<b>Predictors Variables</b>	<b>Outcome Variables</b>
Loftus <i>et al.</i> 1992	Number of Honours and Failing Grades in Preclinical, Clerkship and Clinical Electives	
Gunzburger <i>et al.</i> 1987	NBME II Factor	Supervisor Rating during internship and residency programme
Gunzburger <i>et al.</i> 1987	Clerkship Grade Factor	
Kahn <i>et al.</i> 2001	Year 1 Average Scores of Courses	
Kahn <i>et al.</i> 2001	Year 2 Average Scores of Courses	
Kahn <i>et al.</i> 2001	Year 3 Average Scores of End of Clerkship Exam (Med, Obs/Gyn & Psychiatry)	
Fine & Hayward 1995	Clerkship GPA (Clinical performance/ scores)	
Fine & Hayward 1995	Clerkship GPA (Clinical performance/ scores)	
Case & Swanson 1993	NBME I/USMLE I	Specialty Board Examination Scores (American Board Ortho, Dermatology, Preventive Medicine) Internal Medicine
Case & Swanson 1993	NBME II/USMLE II	
Fine & Hayward 1995	Clerkship GPA (Clinical performance/ scores)	
*Tamblyn <i>et al.</i> 2002	Final Year MD Exam Scores and Subscores	Practice Outcomes
**Clute 1963	Academic scores in medical schools	
**Peterson <i>et al.</i> 1956		
***Price <i>et al.</i> 1964		

\* Preventive care, continuity of care, resource use, consultation rate, acute and chronic disease management, disease specific prescription, contraindicated prescribing among elderly patients.

\*\* Quality of practice: History taking, physical examination, investigation, therapy, preventive medicine, record keeping.

\*\*\* Measures of academic and practice performance of physicians, e.g. scientific publications, number of patients scheduled per hour, investigations, presentations.