

Supplemental material is neither peer-reviewed nor thoroughly edited by CJASN. The authors alone are responsible for the accuracy and presentation of the material.

Appendix A: American Society of Nephrology In-Training Examination Blueprint for Study Years (2009-2014)

Medical Content Domain	Percent of examination content (%)
Chronic Kidney Disease	13
Glomerular / Vascular	12
Acute Kidney Injury/Intensive Care Unit Nephrology	10
Hypertension	10
Kidney Transplantation	10
Acid-Base/Potassium	9
Sodium / Water	9
Clinical Pharmacology	9
Mineral Metabolism	8
Tubular, Interstitial, and Cystic Disorders	6
Ethics	3
Total Test (170 questions)	100

Note. The content percentages slightly varied across administrations.

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Appendix B: American Board of Internal Medicine Nephrology Certification Examination Blueprint for Study Years (2009-2014)

Medical Content Domain	Percent of examination content (%)	
	2009-2012	2013-2014
Chronic Kidney Disease	14	20
Acute Kidney Injury/Intensive Care Unit Nephrology	10	14
Glomerular / Vascular	12	12
Acid-Base/Potassium	10	10
Hypertension	10	10
Kidney Transplantation	10	10
Sodium / Water	10	8
Pharmacology	10	8
Calcium, Phosphorus, Magnesium, Stones	8	4
Tubular, Interstitial, and Cystic Disorders	6	4
Total Test (240 questions)	100	100

Note. The content percentages slightly varied across administrations.

Appendix C: Model Comparison Statistics for Best Fitting Multiple Linear and Logistic Regression Models

Multiple Regression (Outcome: American Board of Internal Medicine Nephrology Certification Score)						
Variables Excluded from Model	Number of Variables Included in Model	AIC	BIC	Adjusted R ²	Nested F-test <i>p</i> Against Full Model	
None (Full)	8	17821.7	17876.0	55.4	N/A	
Step 2	7	17821.6	17870.5	55.3	.16*	
Sex	7	17822.7	17871.6	55.3	.08*	
Step 3	7	17823.0	17871.8	55.3	.07*	
<i>Step 2, Sex</i>	6	<i>17822.2</i>	<i>17865.7</i>	55.3	<i>.10*</i>	
Step 3, Sex	6	17823.6	17867.0	55.2	.05*	
Step 2, Step 3	6	17825.0	17868.4	55.2	.03	
Step 2, Step 3, Sex	5	17824.9	17862.9	55.2	.03	
Step 2, Step 3, Sex, Director Ratings	4	17838.7	17871.3	54.9	>.001	
Logistic Regression (Outcome: American Board of Internal Medicine Nephrology Certification Passing Status)						
Variables Excluded from Model	Number of Variables in Model	AIC	BIC	Log Likelihood	Likelihood Ratio <i>p</i> Against Full Model	
None (Full)	8	838.5	887.3	-410.2	N/A	
Sex	7	836.5	879.9	-410.3	.82*	
Step 2	7	837.2	880.6	-410.6	.40*	
Step 1	7	837.3	880.8	-410.7	.35*	
Step 2, Sex	6	835.3	873.3	-410.6	.67*	
Step 1, Step 2	6	837.6	875.6	-411.8	.20*	
<i>Step 1, Step 2, Sex</i>	5	<i>835.7</i>	<i>868.3</i>	<i>-411.8</i>	<i>.35*</i>	
Step 1, Step 2, Sex, Director Ratings	4	840.0	867.2	-415.0	.04	

*Not statistically different from the full model at $p < .05$. Selected model in italics.

Appendix D: Calibration Curve Plot Based 20 Equally Sized Groups

