## Appendix A

## 5 2 3 4 1 Identify Anatomy No Identified Identified All

## SimPCNL Global Rating Scale

Please circle the score corresponding to candidate's performance in each category.

Anatomy	INO		Identified		Identified All
	Knowledge		Most		Landmarks
	_		Landmarks		
	1	2	3	4	5
	Target		Eventually		Correct calyx
Plan	incorrect		targets		targeted
Needle	calyx or		correct calyx		Needle at
Puncture	wrong angle		at appropriate		appropriate
	Multiple		angle. A few		angle.
	needle passes		needle passes		Minimum
					needle passes
	1	2	3	4	5
	Difficulty		Able to use		Able to use
Use of	using and		access needle		access needle
Instrume	coordinating		and		and
nts	access needle		guidewire		guidewire
	and		although		smoothly
	guidewire		awkward at		
			times		
	1	2	3	4	5
	Frequently		Performed		Performed
Ability to	stopped or		procedure		procedure
Perform	needed		with little		with no
Tasks	advice/assista		advice/assista		advice/assista
	nce from		nce from		nce form
	examiner		examiner		examiner
Overall	1	2	3	4	5
Performa	Poor		Average		Excellent