

Urine Specific Gravity: Appendix F - Training Guide
Urine SG Refractometer PAL-10S

Name	Operator ID	Ward	Trainer	Date
<ul style="list-style-type: none"> • Documentation • Working supplies kept <i>in the Dirty Utility Room of each ward/unit.</i> • Performs a Zero Set, Quality Control Testing and 1 Unknown Patient Test. • RN to perform Zero Set, Quality Control Testing and 2 Unknown Patient Tests. <p><i>Note: Ongoing competency is 2 sets Zero Set and Quality Control Check annually.</i></p>				
1	Battery Change – how to? <i>How often – 11,000 measurements.</i> 2 x AAA battery supply or instrument loaner.			
2	External Case Cleaning – when to use? <i>How often – each patient use – daily minimum.</i> 2% Chlorhexidine in 70% isopropanol & CaviWipes.			
3	Prism Surface Cleaning – how often & when? <i>Between each sample with Distilled Water Supply</i>			
4	Zero Setting – how often & when? <i>Daily with patient testing. Weekly at a minimum.</i> Distilled Water Supply, DEMO and Perform Zero Set.			
5	Quality Control (QC) Solutions – how often & when? <i>Daily with patient testing. Weekly at a minimum.</i> Open vial expiry, storage, Supply. QC Regimen. Result Records. Corrective Action DEMO and Perform Quality Control testing.			
6	Patient Testing – Sample integrity and volume required? <i>300uL volume on the prism (3 to 4 drops with plastic pipette); no bubbles.</i> Demonstrates proficiency in testing 2 x unknown samples. Recording of results.			
7	Temperature Compensation – <i>Sample is at room temperature.</i> Knowledge of instrument capability to report and correct to 20°C.			
8	Uses Standard precautions – <i>Wear gloves.</i> When performing QC and Patient Testing.			
9	Instrument Troubleshooting Guide – <i>Quick Guide or Procedure manual has a table.</i> Demonstrates knowledge of interpreting the Displayed Message.			
10	Review of Documentation, Supplies & Assistance – <i>when required.</i>			

REFERENCES

ATAGO Instructions of Urine Specific Gravity Refractometer PAL-10S
Textbook of Clinical Chemistry. Norbert W.Tietz 1986 WB Saunders.

Medical Approval: Dr Benjamin Jung

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REVISION & APPROVAL LOG

Version	Revision Type	Description of Change	Revision Date	Technical Approval	Medical Approval
1.0		New document	Nov 2013	Elvira Kozak	Dr. Cathy Halstead
1.1	Minor	Document title and number change. Upload to QMS document control	28 Dec 2016		Dr. Benjamin Jung

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