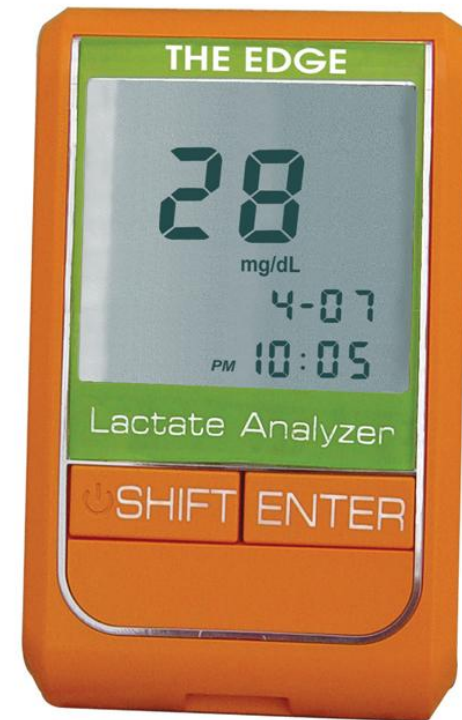# The Edge™ Handheld Lactate Analyser

Rachel Hilton DipAVN(Medical) RVN

WOODLEY
EQUIPMENT COMPANY LTD

Laboratory Equipment, Diagnostic and Critical Care Specialists

The Edge™ Lactate Analyser

- Portable

- Minimal sample volume

- Rapid results

- Large data storage

- Easy result recall

Lactate

- By product of anaerobic glycolysis

- Liver clears lactate by converting either back to glucose or oxidising into CO^2 and water

- Accurate indicator of tissue perfusion
    - Response to IVFT
    - Circulation

- Exercise monitoring

Lactate

- Shock

- Hypovolaemia

- Circulatory problems
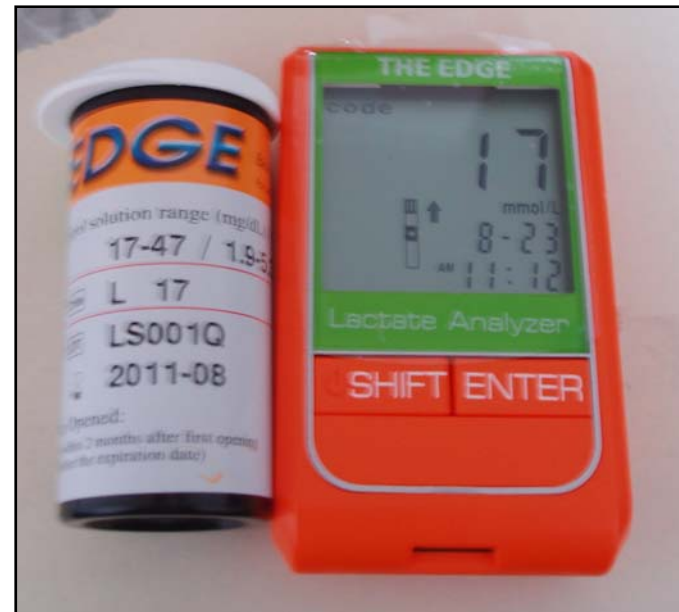
- Trauma

- Tissue hypoxia

The Edge™ Lactate Analyser

- Measuring Range 0.7-22.2 mmol/l

- 3µl whole blood- capillary, EDTA or heparin

- 45 seconds to result

- Stores 300 results in memory

- 1000 result battery life

Running a sample

- Insert code chip – ensure code chip matches up

- Press any button to turn on the meter

- Remove strip from bottle and re-cap immediately

Running a sample

- Insert test strip- Blank side strip facing down and indent on left

- Apply single drop of sample to the 'reaction zone'.

- Result displayed after 45 seconds

Lactate

- Normal value   < 2.5 mmol/L

- Mild increase   3 – 5 mmol/L

- Moderate increase   5 – 10 mmol/L

- Severe increase   >10 mmol/L

Memory recall

- Press shift and enter keys simultaneously

- When flashes press enter to view last result

- Press shift to scroll through results

- Press enter and shift together to exit memory

- Press both again to exit the menu

The Edge™ Lactate Analyser Kit

- Edge™ Analyser

- Battery

- Monitor checker

- Strips

- Storage pouch

- Laminated Quick Guide

- User guide

- Lancet device

Quality Control

- Specific Lactate analyser QC Material available

  - Check analyser performance

  - Check strips in event of incorrect storage

  - Unexpected results

  - Quality Control records

- QC will be sent to each practice on Annual basis

Technical Support

- 5 Account Managers provide first line technical support

- Dedicated technical support department for techsupport@woodleyequipment.com

- In house Biomedical Scientists

- Fully equipped Service Dept with Qualified Engineers and Service Coordinator

Thank you for listening

Any Questions?