

DR D. ERWIN.

QUESTIONNAIRE

ANAESTIM NERVE LOCATOR - VIAMED

Thank you for agreeing to evaluate the Anaestim Nerve Locator.

We would be grateful if you could answer the following questions and add any relevant comments of your own re the product.

Q1: I use Nerve locators/stimulators as part of my routine.

YES ☒

NO ☐

Q2: How easy to set up was the 'Anaestim' Nerve locator?

Very easy ☐

Easy ☒

Quite difficult ☐

Very difficult ☐

Q3: What type of needles did you use with the Anaestim?

Insulated ☐

Type/Gauge

PTFE Coated ☐

Type/Gauge

Non insulated ☒

Type/Gauge 20G...BD

Q4: How effective in nerve location was the product?

Very effective ☒

Suitable ☐

Mostly ineffective ☐

Totally ineffective ☐

Q5: For which type of Nerve blocks could this product be routinely used in your current practice?:

Brachial plexus block
3 in 1 block
Sedative
peripheral nerves of arm & leg
.....
.....

Q6: Would you classify the product as good value for money at £99 each?

YES ☐

NO ☐

DON'T KNOW ☒

Q7: How does Anaestim compare with other T.N.S's you have used?

Better ☐

Equivalent ☒

Worse ☒

Q.8: What modifications, if any, would you like to see of this product?

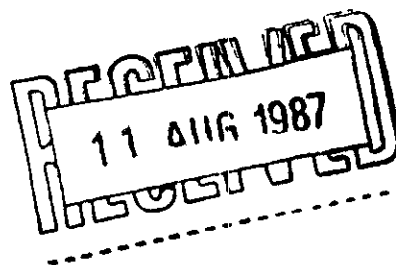
No NOISE
(noisy bleeps!)
.....
.....

Any further comments would be appreciated

.....
.....
.....
.....

Thank you for assisting in this project.

A. Padua / E. Charlton - Newcastle



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Easy ☐

Quite difficult ☐

Very difficult ☐

Q3: What type of needles did you use with the Anaestim?

Insulated ☐

Type/Gauge

PTFE Coated ☒

Type/Gauge *Tops 22H*

Non insulated ☐

Type/Gauge

Q4: How effective in nerve location was the product?

Very effective ☐

Suitable ☒

Mostly ineffective ☐

Totally ineffective ☐

Q5: For which type of Nerve blocks could this product be routinely used in your current practice?:

..... *Yes, Brachial Plexus*
..... *S.I. Femoral*
..... *Sciatic*
..... *Lumbar Paresthesia*
..... *Transsacral block of sacral nerves*
.....

Q6: Would you classify the product as good value for money at £99 each?

YES ☐

NO ☒

DON'T KNOW ☐

Q7: How does Anaestim compare with other T.N.S.'s you have used?

Better ☐

Equivalent ☐

Worse ☒

Q.8: What modifications, if any, would you like to see of this product?

..... *Digital display of current*
..... *Large dial to control stimulation strength*
..... *Rate at 1.5 to 2 Hz.*
.....

Any further comments would be appreciated

.....
.....
.....
.....

Thank you for assisting in this project.

Filled in by Dr. B. Kahn
Wenham Park.

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NO ☒

Q2: How easy to set up was the 'Anaestim' Nerve locator?

Very easy ☐

Easy ☒

Quite difficult ☐

Very difficult ☐

Q3: What type of needles did you use with the Anaestim?

Insulated ☐

Type/Gauge

PTFE Coated ☐

Type/Gauge

Non insulated ☒

Type/Gauge 25G...

Q4: How effective in nerve location was the product?

Very effective ☐

Suitable ☒

Mostly ineffective ☐

Totally ineffective ☐

Q5: For which type of Nerve blocks could this product be routinely used in your current practice?:

.....Axillary, femoral, sciatic, brachial plexus blocks

.....
.....
.....
.....
.....

Q6: Would you classify the product as good value for money at £99 each?

YES ☒

NO ☐

DON'T KNOW ☐

Q7: How does Anaestim compare with other T.N.S's you have used?

Better ☐

Equivalent ☒

Worse ☐

Q.8: What modifications, if any, would you like to see of this product?

.....Calibration of low/medium/high output.....

.....
.....

Any further comments would be appreciated

.....
.....
.....
.....

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Easy ☐

Quite difficult ☐

Very difficult ☐

Q3: What type of needles did you use with the Anaestim?

Insulated ☐

Type/Gauge

PTFE Coated ☐

Type/Gauge

Non insulated ☒

Type/Gauge

Plexofix 24 G.
Spinal 22 G.

Q4: How effective in nerve location was the product?

Very effective ☐

Suitable ☐

Mostly ineffective ☐

Totally ineffective ☐

← *in between*

Q5: For which type of Nerve blocks could this product be routinely used in your current practice?:

..... Sciatic / Femoral. - Good
..... Brilliant / Symptomatic / Intercalare Rocks.
.....
..... here good. heavily
.....
.....

Q6: Would you classify the product as good value for money at £99 each?

YES ☐

NO ☒

DON'T KNOW ☐

Q7: How does Anaestim compare with other T.N.S.'s you have used?

Better ☐

Equivalent ☐

Worse ☒

Q.8: What modifications, if any, would you like to see of this product?

..... Abolish the 6 week - no value whatever.
..... Include an ~~anesthet~~ anesthetic.
.....
.....


Any further comments would be appreciated

.....
.....
.....
.....

Thank you for assisting in this project.

Anaesthet Evaluation

Initial Comments from Dr Angus Pridie
+ colleagues

- ① Lack of literature
- ② Small knob - difficult to use esp with gloves on
- ③ Non linear range on dial 50
50
- ④ Lack of meter - could be needle meter not necessarily LCD/LED DIGITM
- ⑤ Lack of accurate gradation in the critical 0-3 mA range
- ⑥ Unusual arrangement of leads i.e black to ^{needle} body - red to ^{body} needle. ~~Correct~~ Cathodic Stimulator
- ⑦ Frequency should be in range of 1.5 to 2 ~~Hz~~ or variable in that range. 11 kHz Pulses/sec
- ⑧ Good packaging - neat appearance.
- ⑨ Good audible signal 
- ⑩ Pulse Duration reduced from 200 μ s to 100 μ s
- ⑪ Ability to shut down to Zero with gradation
- ⑫ Not necessary to go up to 10 mA. 100 μ s

Ideal Nerve locator

E/D

① Metering - either analogue needle or digital LED/LCD.

E

② Graduated Scale

Δ 15"

Clearly marked

Down to zero

E

Logarithmic

Large Knob.

③ Pulse Duration of 100 ms.

Lcd Preferably *

Graduated Scale

Down to Zero Inset high

Large knob

One Hertz ϕ

not a small
RDA Medical Co

Croyden

Nerve Stimulator

Audible Signal - Not needed.

Must be Constant Current

Pulse Duration

200 μ s down to 100 μ s

Capacitors, ???

High Quality

Logarithmic ?
v.s. Linear

* down to 0.1 mA.