

In monitoring foetal distress time-saving can be life-saving

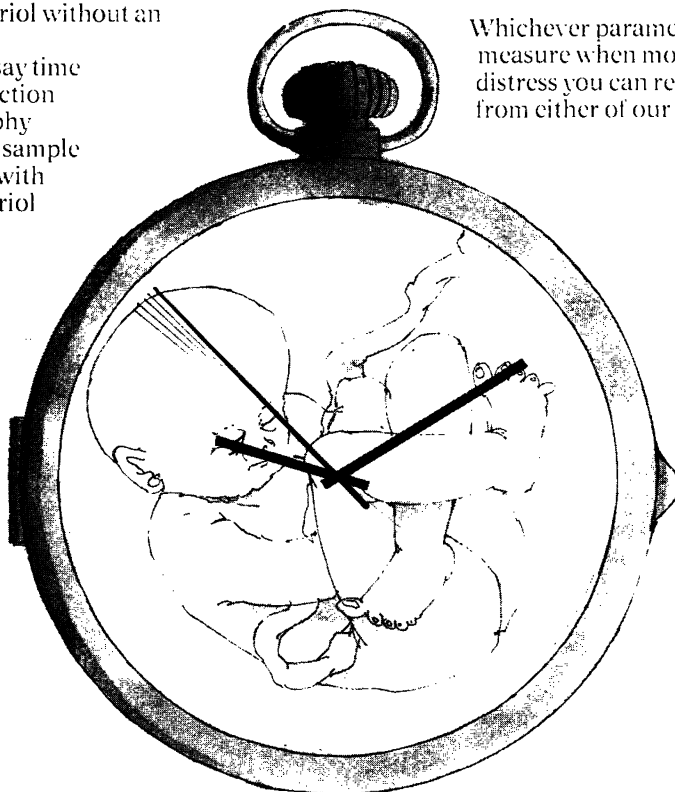
Both our serum oestriol radioimmunoassay kits give rapid and reliable results. And both assay methods save valuable time by eliminating urine collection.

Our new Oestriol (Unconjugated) RIA Kit is the first fully validated radioassay for serum unconjugated oestriol without an extraction step.

- * Only 2 hours' assay time
- * No solvent extraction or chromatography
- * Only 20 μ l serum sample
- * Easy γ -counting with 125 I-labelled Oestriol

Alternatively, you can use our well-established Oestriol (Total) RIA Kit. This assay is simple too, and highly reproducible; no solvent extraction or chromatography; only 50 μ l serum sample; assay time of 5 to 4 hours; easy γ -counting with iodine-125 label.

Whichever parameter you decide to measure when monitoring foetal distress you can rely on the results from either of our kits.



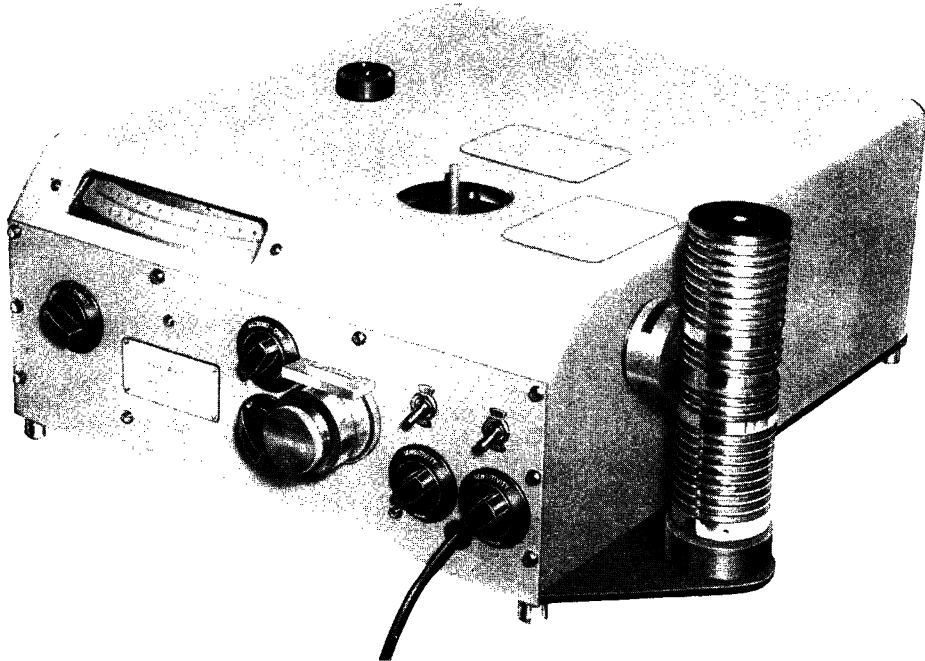
Serum oestriol RIA kits-unconjugated or total



**The Radiochemical Centre
Amersham**

Full information and validation are available on request.
The Radiochemical Centre Limited, Amersham, England, Telephone 024-04-4444
In the Americas: Amersham Corporation, Illinois 60005, Telephone 312-593-6300
In W. Germany: Amersham Buchler GmbH & Co. KG Braunschweig, Telephone 05307-4693-97

LOCARTE FLUORIMETER



Excitation wavelengths commencing at $240m\mu$

Now incorporating these novel features:

- Output socket for chart recorder.
- Flow-through cuvettes.
- Automated fluorimetry with special converter unit for direct connection to most automatic analysing equipment.
- Stability ensured with fully regulated special Mercury Arc and Zinc lamp. Zinc lamp specially developed for plasma cortisol estimations.

In laboratories throughout the world the Locarte Fluorimeter is favoured for providing unparalleled results in important work demands precision. An extra wide range of filters is available.

With an instrument so sensitive that monochromatic filters can be used on both primary and secondary sides many laboratories have extended their sphere of work. With an instrument so fast in operation your costs are reduced.

RAPID measurement of fluorescence (solution or filter paper).

SENSITIVITY: Minimum cuvette 'blank' allows for use of 13 stage photomultiplier and allows estimations well below 0.001 $\mu\text{g./ml. Calcium Sulphate}$, 0.001 $\mu\text{g./ml. Serotonin}$ (measured by the fluorescence in the Ultra Violet at 335 $m\mu$) and 0.1 $\mu\text{g. of Cortisol on filter paper}$.

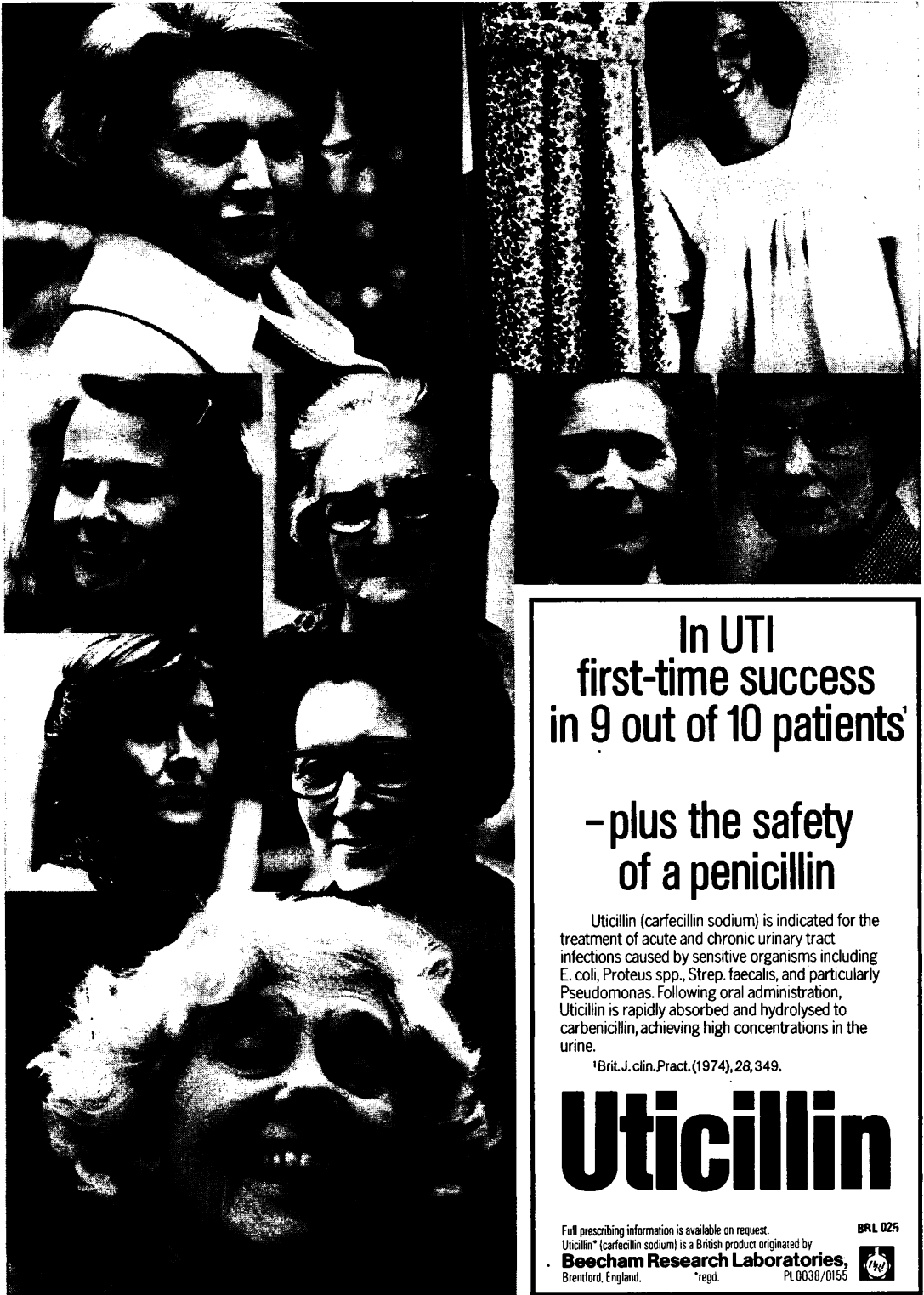
REPRODUCIBILITY SPEED AND ACCURACY in all your fluorimetric estimations.

Locarte Precision equipment includes Fraction Collectors, H.V. Electrophoresis Units, Handlamps, Recording Densitometers, Deslattes, Column Scanners, Pipette Washers, Amine Acid Analysers.

For further information please quote JCP 73/F

THE LOCARTE COMPANY

8 Wendell Road, London W12 9RT Telephone: 01-749 2628




**In UTI
first-time success
in 9 out of 10 patients¹**

**— plus the safety
of a penicillin**

Uticillin (carfecillin sodium) is indicated for the treatment of acute and chronic urinary tract infections caused by sensitive organisms including *E. coli*, *Proteus* spp., *Strep. faecalis*, and particularly *Pseudomonas*. Following oral administration, Uticillin is rapidly absorbed and hydrolysed to carbenicillin, achieving high concentrations in the urine.

¹*Brit. J. clin. Pract.* (1974), 28, 349.

Uticillin

Full prescribing information is available on request.
Uticillin* (carfecillin sodium) is a British product originated by
Beecham Research Laboratories,
Brentford, England. *regd. PL 0038/0155 

BRL 025

Will this be a healthy baby?



Representation of Spermatozoa at the surface of an ovum magnified approximately 2000 times.

Yes, if everything goes well. Even so, it needs all the skills of the gynaecologist and obstetrician to monitor progress and take action when complications arise. To support clinical judgement we offer four simple quantitative tests.

Each test, requiring only a small serum sample, is a highly specific radioimmunosassay giving excellent reproducibility with simple gamma counting. All are backed by extensive clinical trials.

FSH Kit

Our kit is already widely acclaimed for its performance in the study of infertility in both sexes.

Not only is it a highly reproducible test with a coefficient of variation of less than 6%, it also provides the gynaecologist with results within 24 hours.

HPL Kit

Used in the assessment of threatened abortion during the first trimester or for identifying foetal distress during the third trimester.

Only 2-3 hours are required to complete the test giving the obstetrician rapid results in emergencies.

2 Oestriol Kits

For measuring circulating oestriol levels in the third trimester. One kit measures unconjugated oestriol, the second measures total oestriol levels in maternal serum.

Both these simple tests can be completed in less than 4 hours and eliminate the inconvenience of 24 hour urine collection.

FSH, HPL & OESTRIOL RIA KITS

A VALUABLE SERVICE TO OBSTETRICS AND GYNAECOLOGY



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In W. Germany: Amersham Buchler GmbH & Co. KG. Braunschweig. Telephone: 05307-4693-97.

When two tests are better than one

The combined information from Cortisol and ACTH measurements is often necessary for the differential diagnosis of disorders of the hypothalamic-pituitary-adrenal (HPA) axis. When choosing a radioassay method for each hormone, you need to select the most reliable radioassay kits available, and we can supply both.

We were the first supplier of an ACTH RIA Kit, and routine clinical use has established its specificity, sensitivity and reproducibility. The kit has an assay range of 10-4,000 pg/ml and uses an antiserum directed at the biologically active (N-terminal α 1-24) part of the ACTH molecule.

Our Cortipac* Cortisol radioassay is simple, convenient and is backed by more than 2 years' clinical experience. The assay requires only a 100 μ l serum sample and results are obtainable within 2 hours.

Both kits are γ -labelled for simple counting in the routine laboratory. Both are supported by our high standards of production and quality control.

Full information on both kits and a medical monograph "The hypothalamic-pituitary-adrenal axis" are available. Please write or telephone for your free copies.



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Faster—reduced lag phase means quicker results

More Stable—new 7-day reagent stability means greater economy

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Optimised—according to the recommendations of the D.G.K.C.** and S.C.E.***

Automated Analysis
Boehringer Mannheim
CK-NAC

New NAC* activator eliminates the possibility of interference from Glutathione Reductase

CK-NAC

For further details contact:

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Bell Lane, Lewes, East Sussex BN7 1LG.
Telephone: Lewes (07916) 71611



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