



# Andrology Update

The Hull Andrology Unit

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Tel: 01482 382648 [www.hullivf.org.uk](http://www.hullivf.org.uk) (Andrology and GP specific areas available)

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The next GP survey is available at [www.surveymonkey.co.uk/r/hullgp2016](http://www.surveymonkey.co.uk/r/hullgp2016)  
It takes 1 minute and you can be in with a chance to **win a box of Hotel Chocolat**

## Are you aware of the 'measurement of uncertainty'?

When comparing a patient's results with the biological reference limits (WHO 2010), you should be aware of the uncertainty of measurement.

Every measurement is subject to a margin of doubt, due to both random and systematic errors for example:

- The measuring instrument
- The item being measured
- The environment
- The operator.

This level of doubt surrounding the true value is described as the measurement of uncertainty.

This is one reason why there is value in repeat evaluations should any results be outside or bordering the reference limits.

For more information & the latest uncertainty values for 2016 for the Hull Andrology lab, please see our website and click on the Andrology user guide.



## Fruit & veg intake and their pesticide residues in relation to semen quality

In a paper published in Human Reproduction it was shown that:

- Occupational and environmental exposure to pesticides is associated with lower semen quality.
- Consumption of fruit and veg with high levels of pesticide residues was associated with a:
  - Reduced total sperm count by 49%
  - Lower number of morphologically normal sperm by 32%.
  - Lower ejaculate volume by 29%.
- Total fruit and veg intake was unrelated to sperm quality.

## Notices

### Identification

All patient requests for semen evaluation are required to have 3 forms of unique identification – full name, date of birth and NHS number to ensure sample assessment & reporting.

### On site facilities

There is a bookable room for sample production if required. The patient needs to call 01482 382648 to book.

### Referral form

Please remember to use the correct version of the referral form available on our website (version 3, operative from 2015) to ensure sample assessment.

