



# Results of a North American survey on the characteristics of men presenting for infertility investigations: The Andrology Research Consortium.

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## Introduction and Objective:

The **Andrology Research Consortium** was established by the Society for the Study of Male Reproduction, a specialty section of the American Urological Association, to characterize men presenting for infertility investigations.

## Methods:

Men presenting for infertility investigation at a total of 23 North American subspecialty male infertility centres completed a standardized paper or computerized male infertility questionnaire.

The image shows a detailed form titled 'ARC Fertility History Form'. It includes sections for:
 

- Demographics:** ARC Centre (004), Zip Code, Height, Weight, Race, Ethnic background.
- Reproductive History:** Fertility history, pregnancy with current and previous partners, vasectomy, previous infertility testing and treatment.
- Lifestyle:** Current tobacco use, alcohol, marijuana, cocaine, other drugs.
- Testosterone and 5ARI Use:** Questions about use of testosterone or 5ARI in the last 6 months.
- Diagnosis:** Fertility diagnosis (NDA, OA, Oligospermia, Asthenospermia, Teratozoospermia, Low ejaculate volume, Anejaculation, Varicocele).

## Results

### Use of ARTs without male fertility investigation

NO Previous assessment by male fertility specialists	74% (1537/2017)
Previous use of IUI	99/1537
Previous use of IVF	164/1537

### Mean age

Men: 37 (IQR 33-41)

Women: 34 (IQR 31-40)

### Lifestyle factors

Smoking	470/4335
Marijuana	411/4335
Alcohol > 2 drinks/day	280/4335
cocaine	85/4335

### Testosterone and 5ARI use

	Excluding Toronto	Toronto
Testosterone supplementation	4.9% (102/2071)	0.8% (19/2264)
5 ARI	4.2% (87/2071)	0.1% (2/2264)

### Reported reasons for Testosterone supplementation:

- 1) low energy (31%),
  - 2) diminished libido (20%),
  - 3) athletics (15%)
- Source of testosterone: physician 80%

## Conclusion

- 1) Many infertile couples in North America are being treated with IUI or IVF prior to a male factor infertility investigation
- 2) Testosterone and 5ARI use is common among men with infertility in North America
- 3) Other potentially reversible causes for male infertility like smoking and lifestyle factor are common among infertile men in North America