



A Vital Step in Screening Male Fertility

SCSA<sup>®</sup> Diagnostics, Inc.  
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 CLIA Certified: 43D0975076

## CLINICAL REPORT: Sperm Chromatin Structure Assay (SCSA<sup>®</sup>)

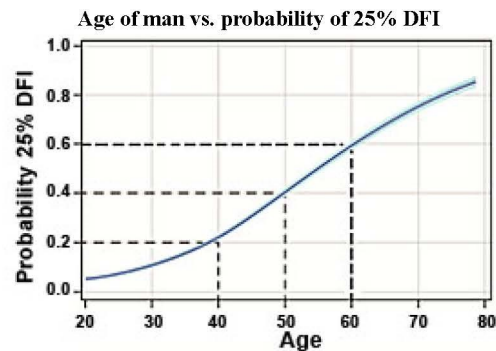
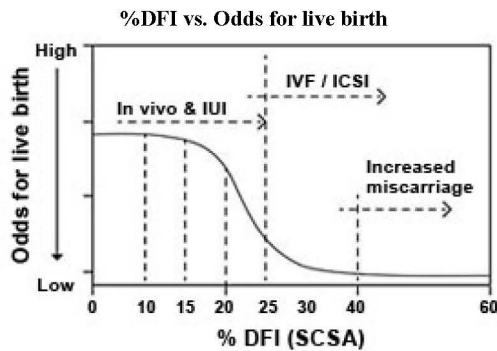
<b>Patient:</b>	Physician:
<b>Date of Birth:</b>	<b>Clinic:</b>
<b>Date of Report:</b>	<b>Clinic City, State:</b>
<b>Collection Date:</b>	

### DNA Fragmentation Index (%DFI: % sperm containing measurable DNA damage)

- a. < 15% DFI = Excellent to Good Pregnancy Outcomes (PO) (without female infertility factors)
- b. > 15% to < 25% DFI = Good to Fair PO
- c. > 25% to < 40% DFI = Fair to Poor PO
- d. > 40% DFI = Very Poor PO

When %DFI is above 25%, current literature suggests that the patient either try to reduce that number by medical intervention, or change of lifestyle, or skipping IUI and move to IVF/ICSI for increased odds for positive PO.

**High DNA Stainability (HDS):** % of sperm with immature, abnormal tertiary chromatin structure. Levels at >25% HDS may cause early embryo death in IVF/ICSI and lessen Odds for Good PO.



For further details, please see: *DP Evenson, G Djira, K Kaspersen, J Christianson. Relationships between the age of 25,445 men attending infertility clinics and sperm chromatin structure assay (SCSA<sup>®</sup>) defined sperm DNA and chromatin integrity Fertil Steril. 2020; 114:311-320*

### SCSA<sup>®</sup> Test Results from Two Independent Measurements

File	% DFI	% HDS
29	21.52	3.70
30	21.78	3.60
mean	21.7	3.7
std dev	0.2	0.1

### SCSA<sup>®</sup> Test Results

**DFI = 22% Good to Fair PO**

**HDS = 4% Normal Range**

**Disclaimer -** Please consult with your physician or other qualified health care providers regarding questions you may have about your health, infertility options or other medical concerns.