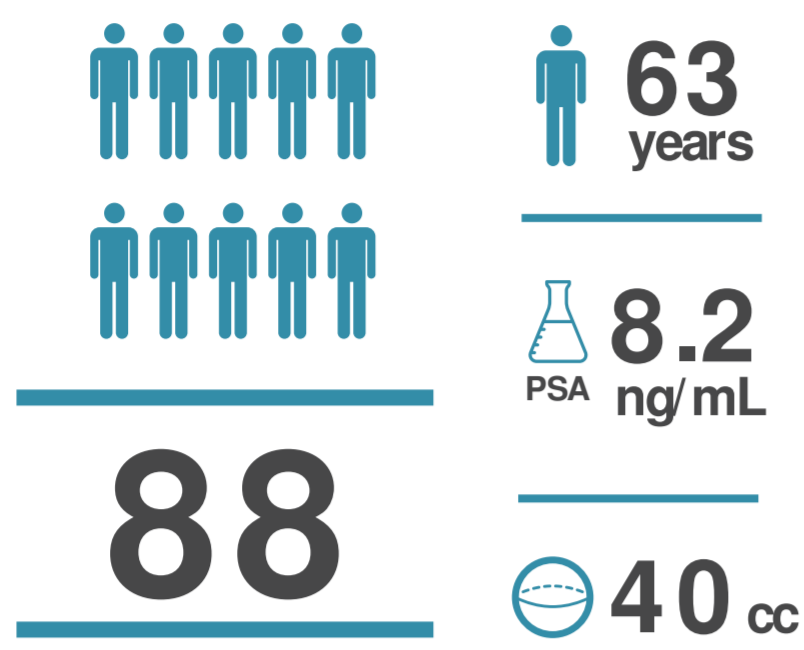


# PRECISION MATTERS IN MR IMAGING TARGETED PROSTATE BIOPSIES

CORNUD ET AL., RADIOLOGY, MAY 20 18

## PATIENTS



## UROLOGISTS



COGNITIVE MRI FUSION & ELASTIC MRI FUSION

## METHODS



## ON-TARGET vs OFF-TARGET

CANCER TISSU SAMPLE

OFF-TARGET

2.5mm

ON-TARGET

7mm

CHANCE OF DEMONSTRATING CANCER

46.5%

ON-TARGET

17.6%

OFF-TARGET

## COGNITIVE vs ELASTIC FUSION

% OF POSITIVE CORES

70.5%

COGNITIVE

90.9%

ELASTIC FUSION

### PRECISION

Distance from the core to the center of the target

LOCATION OF TARGETS	COGNITIVE CORES (n=88)	FUSION CORES (n=88)
BASE	8.4mm	3.6mm
MID	6.6mm	2.5mm
	6.3mm	2.3mm