

controversy

**ULTRASONOGRAM
Vs
OBSTETRICIAN**

JOSHI SUYAJNA D.

Professor of OBG
VIMS- BELLARY

WHO IS THE BOSS

ULTRASONOGRAM
(scan the machine)

Or
OBSTETRICIAN
(the clinician)

Where is the clinical OBSTETRICIAN !
WE HAVE SONO-OBSTETRICIANS

SONO-OBSTETRICIAN



JOSHI SUYAJNA D.

WHO IS THE BOSS

THE MACHINE
OR
THE MAN-
(OBSTETRICIAN)

NOT BETWEEN
SONOLOGIST
&
OBSTETRICIAN



MATERIAL SOURCE

**U S PREVENTIVE TASK FORCE
GUIDELINES:**

CLASS III-

**.....OPINIONS BASED ON
CLINICAL EXPERIENCE,.....**

Clinical experience

**22 years of
obstetrical
practice**

50% before scan

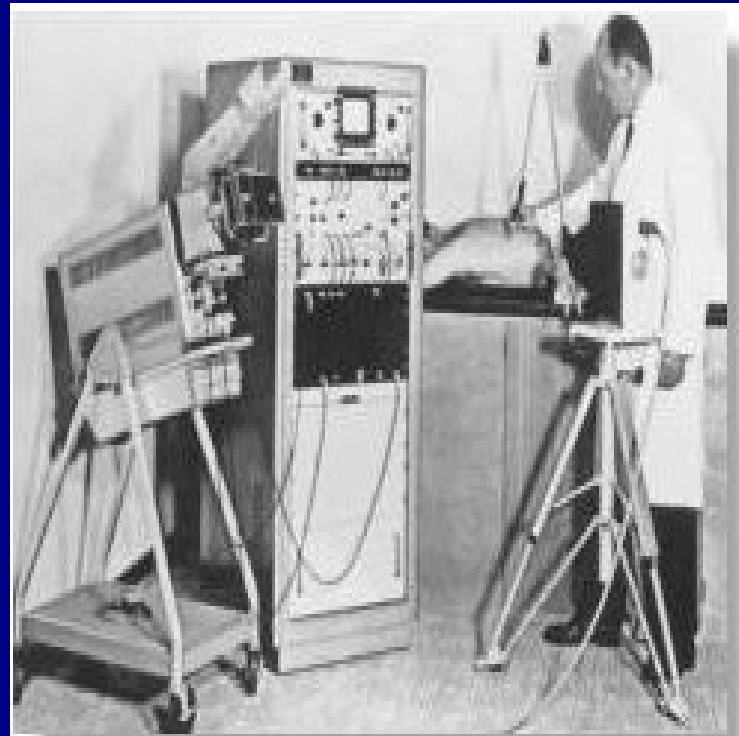
And

50% after scan

50000 antenatal cases

25000 scan reports

JOSHI



The articulated arm scanner that Wright and Meyer built in 1962, the earliest of such design in the U.S.

RECOMMENDATION

NIL

SATIRICAL APPROACH TO PROVE
THAT
TODAY

SCAN IS MORE IMPORTANT THAN THE
OBSTETRICIAN



SCENARIO

DAY TO DAY

**OBSTETRICAL
PRACTICE**

ANYWHERE IN INDIA

NOT INCLUDED:

1. PRENATAL
DIAGNOSTIC CENTRES
2. INTERVENTIONAL
SCAN UNITS

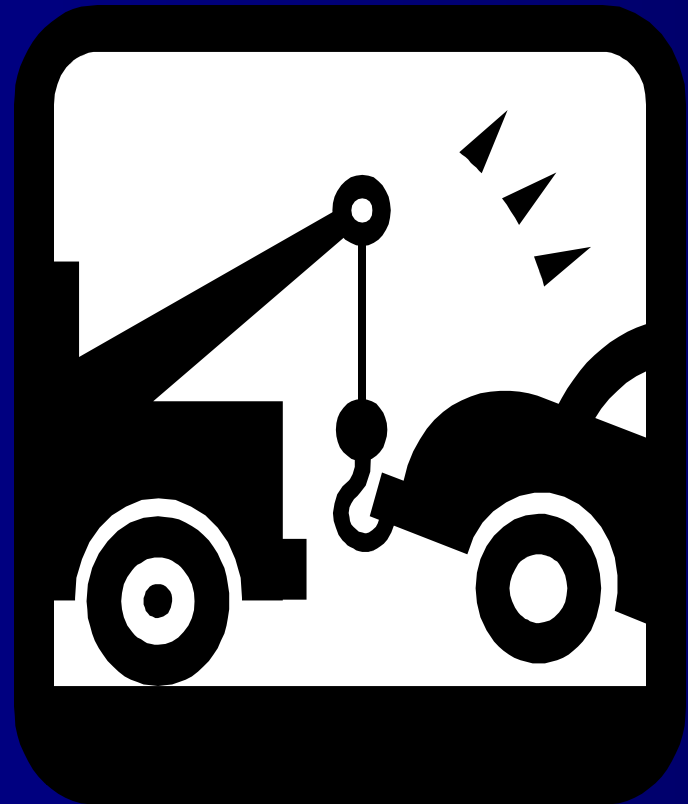


JOSHI SUYAJNA D.

**RADIOLOGIST
CAN SURVIVE
WITHOUT SCAN**

**BUT
NOT THE**

OBSTETRICIAN



Scan vs. Obstetrician

SCAN TO OBSTETRICIAN
is like

TELEVISION to the WORLD

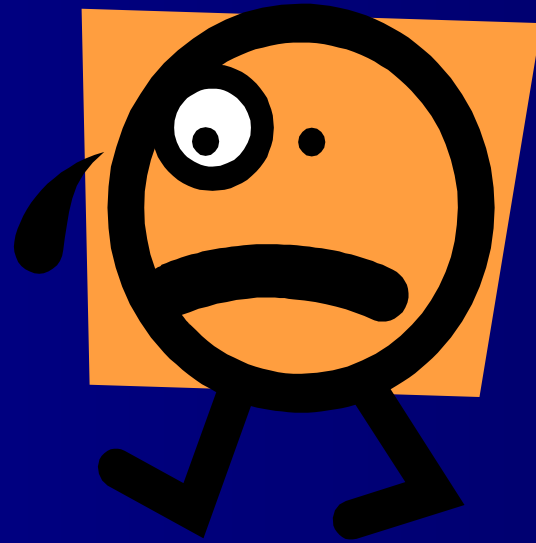
NO SCAN- NO OBSTETRICIAN

WHO IS THE BOSS

I AM THE UNIT CHIEF

BUT NOT THE BOSS

**SCAN IS THE
'BOSS'**



WHY DOES PRGNANT LADY COME TO OBSTETRICIAN

1. FOR **SCAN**
2. FOR INJ. TETANUS TOXOID

YOUR OPINION ?
(WHO WANTS IT ?)

BABA OF OBSTETRICS

SCAN IS

THE GOD

Because:

He can see everything

He can predict everything

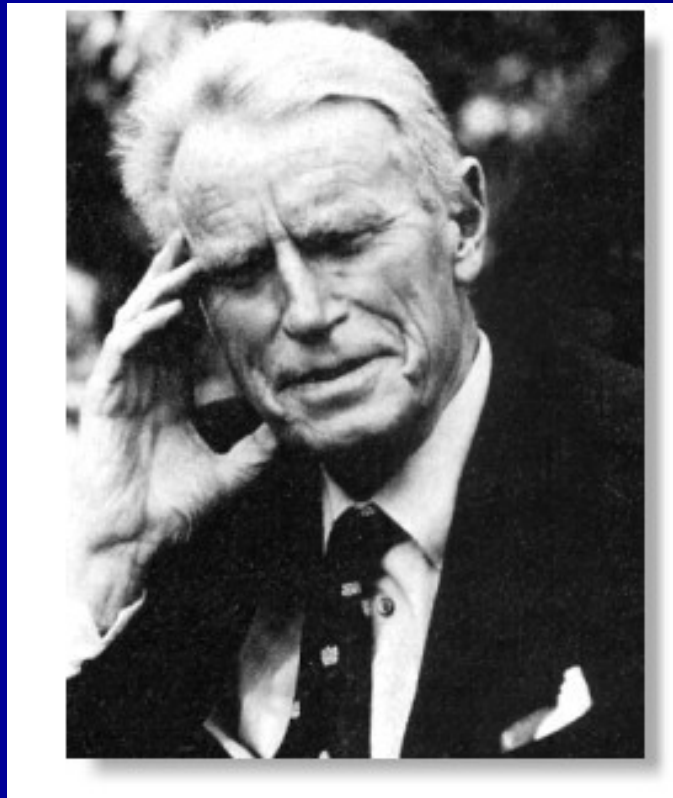
He can hide many things !

THE FIRST & THE LAST QUESTION OF THE PREGNANT LADY

WHAT ABOUT THE SCAN !

PROFESSOR IAN DONALD

'PRACTICAL OBSTETRIC
PROBLEMS'



**OBSTETRICS
IS AN ART**

WHAT IS HAPPENING TODAY-JUST ONE EXAMPLE

WRONG DATES

MANAGEMENT:

- A. TERMINATION
- B. CONTINUATION
WITH
5 SCANS

OBSTETRIC SCAN

UTERUS: Anteverted, measures: 96 * 60 * 42.5mm

A single well defined intrauterine gestational sac is seen.

NO E/O YOLK SAC / FETAL POLE / CARDIAC ACTIVITY

MSD: 13mm

Gestational age: 5weeks 4 days \pm 1 Week

Int. OS is closed

OVARIES: Rt. ovary: Enlarged, measures: 44 * 31mm
Shows a follicular cyst of 30 * 27mm
Lt. ovary: Normal in size and echotexture.
Lt. ovary measures: 32 * 21mmmm

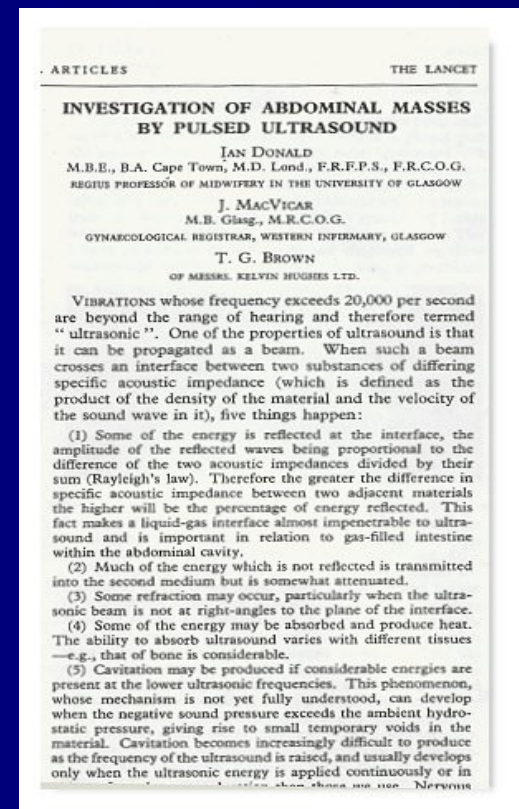
IMPRESSION: - S/o BLIGHTED OVUM (5 - 6 weeks)



INTRODUCTION OF SCAN by Prof. IAN DONALD 1958

THIS IS THE
BEGINNING OF
THE END
OF
OBSTETRICS
AS AN
ART

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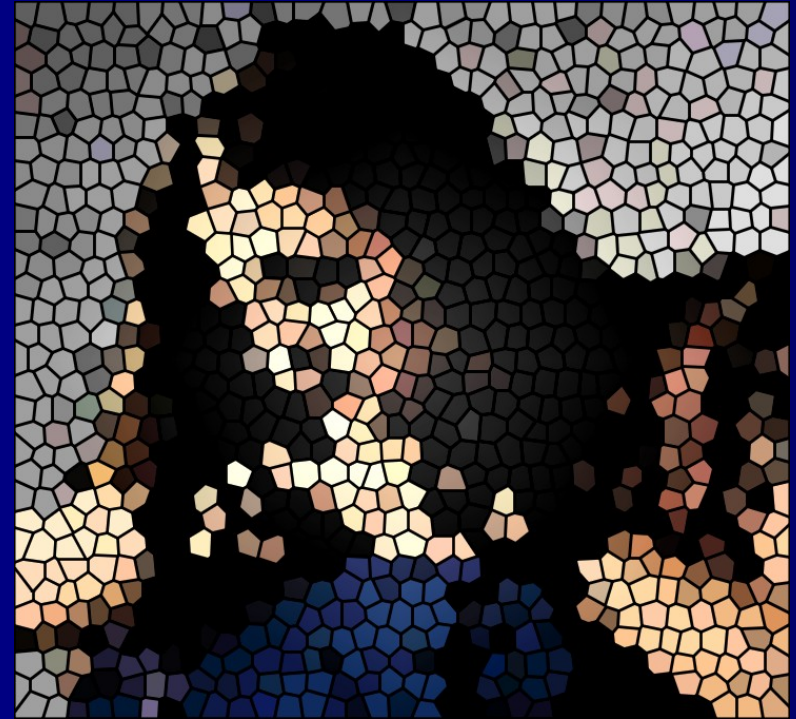
PATIENT WANTS SCAN

NOT QUALITY

SCAN REPORT

ULTRA SONOGRAPHY REPORT				
Name :	Mehar		Age :	Date 16/12/13
i Gestation	Single fetus/Twins			
ii Presentation	Vertex	Breach	Transverse	
iii Fetal Cardiac Activity	Good/Absent			
iv Organ Anomalies Noted				
vi Amniotic Fluid	Adequate / oligohydramnios/Polyhydramnios			
vii Gest Sac.....mm	Corresponds to.....weeks			
viii C.R.L.....mm	Corresponds to.....weeks			
ix BPD.....mm	Corresponds to.....weeks			
x Head Circumference.....mm	Corresponds to.....weeks			
xi Abdominal Circumference.....mm	Corresponds to.....weeks			
xii Femoral Length.....mm	Corresponds to.....weeks			
xiii Placenta.....	Maturity Grade 0,I,II,III			
xiv E.F.W.	Anterior/Posterior/Fundal/Right or Left lateral			
xv Scan LMP	34.02			
Impression		Single live fetus of 36 ± 2 wts		
		Scan EDD 13.1.04		
T. Anand Signature				

NOT THE QUALITY OF THE REPORT-**JUST A REPORT**



FOETAL ANOMALIES

LESS OFTEN
REVEALED

**MORE OFTEN
MISSED**

IN
DAY TO DAY
PRACTICE

JOSHI SUYA



FOETAL ANOMALIES

COMMONLY MISSED ANOMALIES

- a. Cardiac
- b. Renal
- c. Esophageal
- d. Palate and lips
- e. Ear lobes
- d.....
- f.....

List continues



SEX DETERMINATION

SCAN HAS SCANT RESPECT FOR
PNDT- ACT

SINGLE MOST FACTOR REVOLUTIONISED
FEMALE FOETICIDE
IS
SCAN

PNDT-ACT

a
PAPER TIGER

BECAUSE
OF
SCAN

JOSHI SUYAJNA D.

WHO KILLS MAXIMUM

NUMBER OF 'GIRL CHILD'

THE SCAN



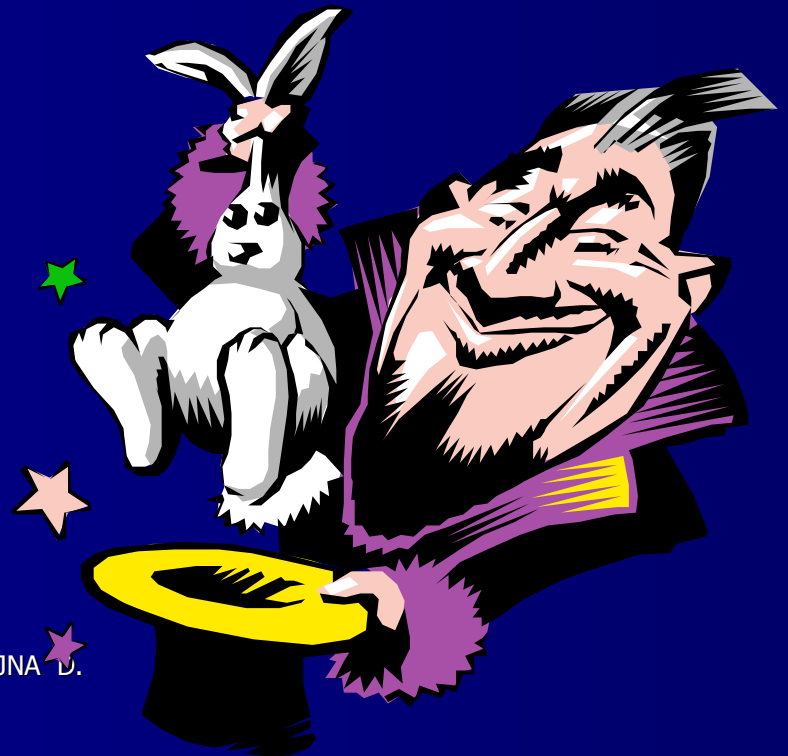
INVESTIGATION WITHOUT SYMPTOM

BECOMES CAUSE OF
MAJOR ILLNESS

E.g.. Cardiac catheterization, PAP smear,
Scan etc.

DR. B.M.HEGDE

SCAN IS A WONDERFUL INSTRUMENT IN THE RIGHT HANDS



JOSHI SUYAJNA D.

A DEVIL

in the WRONG HANDS



JOSHI SUYAJNA D.