





### STATISTICS ON RAPE

- Rape is the fastest growing sex crime
- NCRB of India data shows 873% increase in rapes from 1971 to 2011 in India.
- Today in India one women is raped every 30 minutes [only reported cases]
- 13% of American women are raped
- □ 67-82% of rapes are not reported [Greefield 1997]
- 98% of reported rapes were done by someone known
- □ In 2015 [NCRB] there were 34000 reported cases of rape



### **RAPE**

- Rape in simple words is to force someone to have sex with.
- □ It is the worst form of sexual assault.
- It usually involves sexual intercourse or other forms of sexual penetration carried out against a person without that persons consent. The act may be carried out by physical force, coercion, abuse of authority or against a person who is incapable of giving consent, such as one who is unconscious, incapacitated, has an intellectual disability or is below the legal age of consent.



### TYPES OF RAPE

- Rape by men on women [Commonest]
- Rape by men on children
- Rape by men on men
- Rape by women on men
- Rape by women on women
- Rape by minors



### TYPES OF RAPE

- Date rape acquaintance or drug [drug facilitated sexual assault.]
- Commonest rape
- 97% rapes in India were of this kind
- Commonest rape in college students in America
- Commonest drugs used is alcohol, flunitrazepam, gamma hydroxy butyric acid, clonazepam, alprazolam



### MARITAL RAPE

- Not recognised in Indian IPC
- National family health survey [2005-2006]
- Showed that 6.6%women accepted marital sexual violence as compared to <1% by others.</li>
- □ ICRW un FPA study [Seven large Indian states].
- 31% men and 17 % women admitted to marital sexual violence.
- Majority of sexual violence in India is within the marriage.



### TYPES OF RAPE

- Gang rape
- Statutory rape: Rape by an adult with sexually mature but minor [below the age of legal consent]
- Serial rape
- Payback rape

- War rapes
- Prison rapes
- Rape by deception
- Corrective rape
- Custodial rape
- Punitive rape
- Ceremonial rape
- Gray rape [Feeble no]



### NICHOLAS GROTH TYPOLOGY OF RAPE

- Anger rape
- Power assertive rape
- Sadistic rape



### **ANGER RAPE**

- Humiliates and hurts the victim
- Physical violence and abusive language
- Rape is an expression of anger and contempt of victim.
- More physical force used than is required. [Brutal]
- Offender experiences anger and rage.



#### POWER ASSERTIVE RAPE

- Underlying feeling of inadequacy, and rape feeds their issues of mastery, control, strength, authority and capability.
- Uses only the amount of force required.
- Threatens and intimidates.
- Fantasies of rape and sexual conquests are present.
- "Victim will enjoy the rape" syndrome.
- Fantasy-rape-not satisfied or reassured-finds another "right" victim--rapes ---serial rapist.



### SADISTIC RAPE

- Sadistic rape: Anger /aggression and infliction of pain on victim is eroticised.
- Victims struggle, pain, helplessness, and suffering is an erotic expression.
- Prolonged torture or rituals.
- Penetration of foreign bodies<sup>++</sup>
- Sexual homicide may occur.
- May not perform intercourse.
- Assaults may be deliberate or calculated.



### **RAPE**

- Rape is a complex behaviour
- According to evolutionary psychologist sexual coercion or rape occur in species in which males...
- Are more aggressive
- Eager to mate
- More sexually assertive &
- Less discriminating in choosing a mate.



### **EVLUTIONARY PSYCHOLOGY OF RAPE**

- Sexual rape occurs in insects, amphibians, reptiles, fish, birds and primates.
- Two species have adapted to do rape
- Male scorpionflies [Panoopra vulgaris]
- Male orangutans [Pongo pugmaeus]



### **EVOLUTIONARY PSYCHOLOGY TYPES OF RAPIST**

- Disadvantaged men
- Specialized rapist
- Opportunistic rapist
- High mating effort rapist
- Partner rapist



## DISADVANTAGED MEN [RAPIST]

- Rape if no other means of copulation.
- Rape are committed disproportionately by men with low socio economic status [Kalichman, Williams, Thonhilland Thornhilland Platek [2006].
- Men convicted of rape display lower facial symmetry [Lake and Platek , 2006] an indicator of poor genetic quality.



### **DISADVANTAGED MEN**

- Facial symmetry is linked positively with physical and psychological health: They are less attractive /desirable.
- Less reproductive chances motivation for sexual assertiveness --- rape.



#### SPECIALIZED RAPIST

- Sexually aroused by violent sexual stimuli.
- These men may have quiker arousal and ejaculation [Thornhill and Palmer 2000], reduces the chances of being caught.
- Meta analysis of convicted rapist demonstrates these men having ^ arousal by scenes of sexual coercion by force as compared to non rapists.

[Quinsey 1994, Thornhill 1992]



### OPPORTUNISTIC RAPIST

- Seek receptive women.
- Sexual coercion or rape only if women resist and the chances of injury /being caught/retaliation by victim or family or society is low.
- If the cost of rape is high ... No rape.
- □ If the cost of rape is low .... Then rape.
- Rapes during war is another example [Palmer, Thornhill2000, Gottschall 2004]



### HIGH MATING EFFORT RAPIST

- Sexually experienced.
- Aggressive
- Dominant
- High self esteem
- Often psychopaths [Quinsey and Rice, 2005]
- High mating effort is an impotent facet of psychopathy



### HIGH MATING EFFORT RAPISTS

- Psychopathy ??
- There is evidence that psychopathic men display lower fluctuating asymmetry. [Harris and rice 2001]
- Premarital sexual coercion +
- Sexual promiscuity +
- Extensive casual sexual relationships+
- Earlier onset of sexual activity +
- Greater sexual experience
- Perceived relative sexual deprivation+
- Some date rapist may come in this category.



### PARTNER RAPIST

- Increased sperm competition risk may lead to partner rape.
- This happens mostly when a man learns or suspects that his long term partner has been /perceived to be sexually unfaithful [Thornhill1992., Goetz and Shackelford 2006]
- These case are frequently reported.
- Marital rape is not considered as rape in India.



### PARTNER RAPIST

- Men who are separated sexually by their partners [Therefore face a higher risk of sperm competition] find
- Partner more attractive.
- More interest in copulating with partner
- Believe their partner is also more interested in copulating with them. [Starrtt. 2007]



### MASSACHUSETTS TREATMENT CENTRE RAPIST TYPOLOGY: VERSION 3 [MTC: R3]

- Most robust and widely used classification.
- Methodologically strong
- Uses both theory and empirical data
- Motivating dimensions is the key in taxonomy.
- Six different type of rapist



### MTC: R3

- Opportunistic rapist
- Anger rapist
- Sexual rapist
- Sexually non-sadistic rapist
- Sexually sadistic rapist
- Vindictive rapist



- A typical male is slightly sexually attracted to most females whereas the typical female is not sexually attracted to most males. [Symons 1979]
- An environment characterised by abuse and neglect might lead to insecure attachment and an increased tendency to view sex as detached from an intimate relationship. [Ward and Marshall 1996]



### OFFENDERS THEORY OR MODEL OF A VICTIM

- Women never say what they mean.
- Women constantly want sex
- Women are unreliable and unworthy.
- Women give false signals and not really meaning what they say.
- They are primarily sexual and seek to confuse and frustrate men.
- When women refuse a mans sexual advances they should not be taken seriously and deserve the punishment they get.



### [GRUBIN STUDY, 1992]

- Rapist often fail to ejaculate during rapes.
- Have difficulty in maintaining erection
- Rapist are an extremely heterogeneous motivated by distinct issues and having different clusters of psychological characteristics.



### **COMPLEXITY OF RAPE**

- There fore it shoul be infered that rape is a complex human behaviour with a mix of
- Socio /cultural attributes
- Biological attributes
- Psychological attributes.
- Contextual attributes



### MIND OF A SEXUAL PREDATOR GEORGE PALERMO [2007]

- Cognitive distortions
- Aberrant sexual fantasies
- These two are core defects
- Personality types commonly associated with rape are:
  - Borderline personality disorder
  - Schizoid personality disorder
  - Sexual predator personality type
  - Sadistic personality disorder



### PARAPHILIA RELATED DISORDERS

- Briken et al [2006]
- Compulsive masturbation
- Proctracted promiscuity
- Pornography
- Telephone sex dependence
- Cyber sex dependence
- PRD in sexual offenders increase the severity and recidivism risk
- Combination of paraphilia and PRD increases the risk of sadistic sexual behavior

### PREDICTORS OF SEXUAL AGGRESSION IN ADOLESCENTS [MOYANO AND SIERRA ,2017.]

- 448 boys from PERU
- 148 committed sexual aggression
- Sexual contact 25%
- Sexual coercion 14.3%
- Attempted rape 12%
- Rape by 10.5%
- Most frequent victim was dating partner
- Analysis revealed; most common variable was subject having been a victim of sexual abuse [Varela and musitu, 2015] and having rape supportive attitudes



### **SWEDEN STUDY**

#### In adults:

- Anger [aggressive behavior]
- Alcoholism
- Together were the most common factors for rape completion and violent sexual assaults.
- Personality disoredrs [antisocial] is present in few.
- The problems in juveniles are significantly related to adult sexual crimes, specially delinquency, aggressiveness and alcoholism.



### PSYCHIATRIC DISORDERS AND SEXUAL RECIDIVISM [LANGSTROM, 2004]

Study sample of 1215 with 535 rapist and 522 pedophiles

- In rapist:
  - ➤ 14% had psychiatric diagnosis of alcoholism, drug abuse, personality disorder and psychosis.
  - Recidivism was maximum in alcoholism and personality disorders.



### PORNOGRAPHY AND SEX CRIMES

- □ Review article by William. S. Fisher in 2013;
- Results were surprising:
  - Normal porno users do not watch violent sex videos.
  - Porno use with hostile masculinity [narcissism, defensiveness, hypersensitivity, dustrustfulness especially towards women, sexual gratification by dominating a women] and
  - Impersonal sex [non committal and promiscous approach to sexual activity]
  - These two factors plus porno use increase chances of sexual violence significantly.



#### PORNO AND SEX CRIMES

- Porno use does strengthen the rape myth that women enjoy sex and rape.
- Anger, alcoholism and porno use is a lethal combination.
- Studies have also shown lesser porno use than normal people in sexual offenders.
- Many studies have shown an inverse relationship between availability of explicit sexual material [Porno etc] and sexual crimes against women

[Frerguson, 2009 and Uchiyama, 1999, Fisher 2001.]



### ABNORMAL WHITE MATTER INTEGRITY IN RAPIST

- Yun chen [Taiwan, 2016]
- Diffusion tensor imaging
- Increased fractional anisotropy in the internal capsule in Thalamus, Caudate and Globus pallidus and also in white matter tracts in angular Gyrus, Posterior cingulate, Frontal pole, Genu etc.
- Posterior cingulum and inferior front to occipital fasciculus.
- These areas are involved in reward /motivation and moral judgement.



### FAMOUS RT ORBITOFRONTAL TUMOR CASE OF 2003

- 40 year old man: No pedophilic inclinations.
- Develops tumor becomes pedophile.
- Resection of tumor Symptoms disappear
- Recurrence of tumor Symptoms reappear.
   2nd resection Disappear.
- But all RT Orbito frontal tumors do not show these changes.



### **ORGANICITY IN A RAPIST**

- Prefrontal androgen exposure
- Heritability, epigenetics / life events
- Neuro transmitter disbalance: [Low serotnergic inhibition or high dopaminergic excitation.]
- Functional brain changes: [Decreased prefrontal and temporal inhibition]
- Structural brain alterations: [Orbito frontal areas, temporal areas, volume changes in amygdala and hypothalamus.]



### **CONCLUSION**

- Rape and the rapist should be studied more systematically.
- Forensic psychiatry should be given more importance in academic curriculum.
- The neurobiological causes of rape in the rapist should be studied more for treatment implications.
- Clinical psychologist and psychiatrist should be involved in all cases of apprehended or convicted rapist.



# LETS RESPECT WOMEN

THANKS

