HUMAN SEXUALITY
ROBERT W. FERGUSON Ph.D.

COURSE OVERVIEW
KINSEY SURVEY

EVOLUTION
• ASCETICISM
• WITCHCRAFT 1500'S
  – GHANA’S WITCH CAMPS 2000’S
  – INDONESIA 2000’S
• SEXUAL REVOLUTION 1700'S
  – Dr. ACTON
• VICTORIAN ERA 1800'S

CROSS CULTURAL VARIATIONS
• ETHNOCENTRISM
• JORDAN/PAKISTAN - HONOR KILLINGS
  – 461, 2002
• AFRICA - (FGM) (INFIBULATION)
  – 28 COUNTRIES - 6000/DAY
  – FEDERAL FGM ACT
• RUSSIA(OFFICIAL OPPRESSION)
• SWEDEN(MATURE)
• MANGAIA(PRO)
• INIS BAEG(ANTI)

CROSS CULTURAL
• LESOTHO - MUMMIES & BABIES
• SAMBIA
• TRADITIONAL CHINA
• ALORESE
• BUSHMAN
• MUNDUGAMOR
• TCHAMBULI
• LUGO LAKE - WALKING MARRIAGE

RESEARCH
• VALIDITY - RELIABILITY
• TYPES OF RESEARCH
• STUDIES
  – KINSEY(1948 MALES, 1953 FEMALES)
  – MASTERS/JOHNSON 1966
  – KOLATA, GAGNON 1997
  – BERMAN AND BERMAN 2004

SEXUAL ANATOMY
• FEMALE
• MALE
• PRIMARY CHARACTERISTICS
  – GENETIC
  – PUBOCOCYGEUS MUSCLE
• SECONDARY CHARACTERISTICS
  – HORMONAL
  – HAIR, BREASTS
LATE LUTEAL DYSPHORIC DISORDER - PMS

- KATHERINA DALTON - 1953
- TEARFUL, ANGRY, ANXIETY, TENSION, DEPRESSION, LOSS OF INTEREST, FATIGUE, CHANGE IN APPETITE, INABILITY TO CONCENTRATE, HYPERSONMIA, INSOMNIA, PHYSICAL SYMPTOMS.
- 5 SYMPTOMS FOR PMS.

SEMINAL FLUID SPECIFICS

- 32 CHEMICALS
- 20 AMINO ACIDS - GLUCOSE
- CITRIC ACID – FRUCTOSE
- VITAMIN C – B12
- ZINC – POTASSIUM
- CALCIUM – COPPER

VAGINAL FLUIDS

- MUCUS
- SODIUM
- AMINO ACID
- FATTY ACID
- UREA
- WHITE/RED BLOOD CELLS
- BACTERIA

SEXUAL FUNCTIONING

- THE BRAIN
  - HIPPOCAMPUS
  - HYPOTHALAMUS
- HORMONES
  - ANDROGENS
  - ESTROGENS
  - DOPAMINE
- NITRIC OXIDE

APHRODISIACS

- FEMALES - (SCENTSATIONAL SEX/CHICAGO STUDY)
- INCREASE - LIMBIC SYSTEM
  - GOOD AND PLENTY ALONG WITH CUCUMBER,
  - BABY POWDER, LAVENDER, PUMPKIN PIE,
  - BUTTERED POPCORN
- DECREASE
  - CHERRIES, COLOGNES, BARBECUED MEAT

STAGES

- WORKING ON MYSTERIES WITHOUT ANY CLUES - SEGER
- AROUSAL
  - GENERALIZED/LOCALIZED
- PLATEAU
  - FOREPLAY
- ORGASM
  - FEMALES/MALES
- RESOLUTION
  - PHYSICAL/BONDING
# Reproduction

- **Conception**
- Fertility Problems
- Male – 200-500 million sperm
  - Blockage, low/defective sperm
- Female
  - Born, 40,000-200,000 eggs
  - Clomiphene
  - Blockage, ovulation problems, stress, hygiene, mucus, smoking, virus, uterus

# Sperm-Egg Attraction

- Laboratory Study
  - Sperm contains receptor/chemical sensor
  - Swims toward chemical (bourgeonal)
  - Chemical (undecanal) shuts down sperm sensor
- Human female compounds not found as yet

# Sex Selection

- Gender linked genetic disease – mother to son
  - Muscular dystrophy/haemophilia
- Gender balance
- Traditional
  - Salty foods – male
  - Birth calendar

# More - Techniques

- Sperm spinning – 50%
  - Centrifugal force separate sperm
- Sperm separation (microsort) – 90%
  - Dye attach to DNA inside sperm
  - Laser light ID larger x sperm
  - Separate sperm according to brightness
- Pre-implantation genetic diagnosis
  - Cell from embryo analyzed for gender
  - 100% W/Gender - 30% W/implantation
- Cost - $2300

# Alternatives to Conception

- Artificial insemination
- In vitro fertilization
  - Micro manipulation
- Intervaginal connection (IVC)
- Low tubal ovum transfer
- Embryo transfer
- Surrogate mothers
- Adoption

# Egg Donation/In Vitro

- Recipient - gonadal atrophy, genetic disease
- Donor - 18-32, physical, psychological, legal - $3500
- Self injections - FSH/LH (many) begin 12 days of cycle for 10-14 days.
  Lupron begin 1 day of cycle, 14 days - flu, PMS
- Transvaginal aspiration 7-18
CRYOPERSERVATION – EGG FREEZING

• CANDIDATES
  – MEDICATIONS
  – CANCER PATIENTS
  – ARTHRITIS
  – PRE-MATURE OVARIAN FAILURE
  – SINGLE WOMEN
  – CAREER WOMEN
  – OLDER WOMEN
  – MILITARY

MORE

• PROCEDURE
  – EXTRACT EGGS/SPERM
  – PREPARE FOR FREEZING
  – ANTI-FREEZE – PREVENT WATER CRYSTALS
  – FREEZE- NITROGEN STORAGE
  – THAW AND FERTILIZE – INVITRO/MICRO
  – IMPLANT

MORE

• BIRTHS
  – 30 - 100 WORLDWIDE
• COST
  – $9,000 FOR EGG FREEZING
  – $20,000 FOR DONERS FRESH EGGS

TRIMESTERS

• ULTRASOUND
• AMNIOCENTESIS
• CHORIONIC VILLI BIOPSY
• POST PARTUM DEPRESSION
  – LOW PROGESTORONE/HIGH CORTISONE
  – ANDREA YATES (TEXAS) – SATAN, SANE
  – DEANNA LANEY (TEXAS) – GOD, INSANE

HOW TO CLONE A HUMAN

• DONER EGGS, FERTILITY DRUGS
• CELLS FROM CLONING CANDIDATE (DNA)
• NUCLEUS REMOVED FROM DONER
• ELECTRICAL FUSION – 3% SUCCESS
• EMBRYO INTO DONER/ SURROGATE
• DOLLY (1996) – ABNORMALITIES
• HUMAN EMBRYO – 2001 (MASS), SOUTH KOREA, 2004

CONTRACEPTION

• TRADITIONAL TECHNIQUES
• SHARED RESPONSIBILITY
• CONSIDERATIONS
  • CONVENIENCE
  • SAFETY
  • EXPENSE
  • EFFECTIVENESS
**EVOLUTION OF THE PILL**
- 1951 – CARL DJERASSI – SYNTHESIZES FIRST FEMALE HORMONE (NORETHINDRONE)
- 1953 – KINSEY FEMALE BOOK
- 1955 – SEARLE PHARMACEUTICAL – FIRST PATENT FOR NORETHINDRONE
- 1960 – FIRST PILL (ENOVID 10)
- 1962 – BROWN, SEX AND SINGLE GIRL

**MORE**
- 1962 – THE DIALPAK PATENT – PILLS AND PLACEBOS, 28 DEATHS
- 1972 – SUPREME COURT, BIRTH CONTROL FOR UNMARRIED COUPLES
- 1974 – FEMALES UNDER 18, BUY CONTRACEPTIVES W/O CONSENT
- 1980’S – INCREASE IN STERIALIZATION OVER THE PILL

**TYPES**
- OUTERCOURSE
- TUBAL/VASECTOMY/ESSURE COIL
- HORMONES
  - ESTROGEN/PROGESTERONE (COMBO OR MINI PILL)
  - DEPOPRAVERA (3 MONTHS)
    - LUNELL (1 MONTH) - INJECTIONS
    - NORPLANT (5 INSERTS)
  - IMPLANON (1 INSERT)

**MORE HORMONES**
- CONTRACEPTIVE RING (NUVA)
- 21 DAYS
- EMERGENCY CONTRACEPTION
- NM, CA, WA, ALASKA W/O PRES
- ORTHO EVRA – 28 DAY PATCH
- TRIPHASIC PILLS
  - MIMIC BODY HORMONES
  - MALE PILL/INJECTION/IMPLANTS
  - REDUCE SPERM W/ TESTOS SUPP’S

**WHO NEEDS A PERIOD?**
- MONOPHASIC-SAME HORMONE LEVELS
  - SKIP INERT PILLS
- SEASONALE
  - EVERY DAY, 12 WEEKS
  - 1 WEEK PLACEBO
  - 4 CYCLES PER YEAR
- EVRA SKIN PATCH/ESSURE(FALLOPIANS)
- RISKS
  - ESTROGEN - STROKE, CANCER

**MORE**
- MIRENA IUD (5 YEARS)
- FOAM/CONDOM
- CONDOM
- DIAPHRAGM W/SPERMICIDE
  - LEA SHIELD – ONE-WAY VALVE
  - CERVICAL CAP (FEM CAP)
- SPONGE
- SPERMICIDES (FILM)
- WITHDRAWAL
MORE

• FERTILITY AWARENESS (RHYTHM)
  – OV MONITER
  – CRAMPING
  – TEMPERATURE
  – DISCHARGE
• DOUCHING, SHOWER, URINATION
• RU-486 ABORTION PILL – (MEFIPRISTONE) (MISOPROSTOL)

FEMALES AND MALES

• SEX VS. GENDER
• GENDER DYSPHORIA
• CHROMOSOMAL - 23 PAIRS
• GONADAL
• HORMONAL
• INTERNAL STRUCTURES
• EXTERNAL GENITALS
• BRAIN
• BIPOTENTIALITY

PRENATAL DEVELOPMENT - GROWTH BUDS

• GONADAL,
  – 6 WEEKS, X-Y+H-Y ANTIGEN, TESTICLES
  – 8 WEEKS, X-X (NO H-Y), OVARIES
• TUBAL
  – 10 WEEKS, X-Y+MIS, WOLFFIAN TUBES
    • (SEMINAL VESICLES, PROSTATE, VAS DE FRENSE)
  – X-X, NO MIS, MULLARIAN TUBES
    • (UTERUS, FALLOPIAN TUBES, VAGINA)

MORE GROWTH BUDS

• GENITAL TUBERCULE
  – 12 WEEKS, X-Y+DHT, (PENIS)
  – X-X, NO DHT, (CLITORIS)
• LABIA SCROTAL
  – 14 WEEKS, X-Y SCROTUM
  – X-X LABIA

GENETIC ABNORMALITIES

• HERMAPHRODITISM
  – TRUE OR PSEUDO
• TURNERS SYNDROME
  – XO
  – IMPLANTS/SURGERY
• KLINFELTER’S SYNDROME
  – XXY
  – INJECT FAT FOR GIRTH
  – CUT LIGAMENT FOR LENGTH

SEX ROLES – GENDER DYSPHORIA

• EMOTIONS - INDEPENDENCE - WALKING - SITTING - TALKING OCCUPATIONS - INTERESTS - TOUCHING - PARTYING - DIRECTIONS - MAPS - CLOTHING - COLORS - CORPUS CALLOSUM
GENDER
• ANDROGYNY
• WESTMINSTER SD – ACTUAL VS. PERCEIVED SEX
• CLOACAL EXSTROPHY
  – 1 IN 400,000 BIRTHS
  – MALES, LACK A PENIS
  – CONSTRUCT FEMALE GENITALS
  – STUDY – ONE HALF HAD GD
  – MONEY – BLANK SLATE THEORY

SEX REASSIGNMENT
• PSYCHOLOGICAL EVAL
• HORMONES
  – MALE TO FEMALE (ESTROGEN)
  – FEMALE TO MALE (TESTOSTERONE)
  – REAL LIFE TEST
• SURGERY
  – MALE TO FEMALE
  – FEMALE TO MALE

ATTRACTION AND LOVE
• LOVE
  – ATTACHMENT
  • OXYTOCIN
  • ENDORPHINS
  – CARING
  – INTIMACY
  – LIMERANCE
    • PHENYLETHYLAMINE
    • PHEROMONES - VOMERAL NASAL ORGAN

ATTRACTION THEORIES
• BIOCHEMICAL
• PERSONAL STYLE/SYNCHRONY
• PERSONAL DISCLOSURE
• IMPRINTING

TYPES OF LOVE
• EROS
• LUDUS
• MANIC
• STORGE
• ALTRUISTIC

LOVE CHARACTERISTICS
• FALL IN LOVE FIRST - OUT OF LOVE LAST - (NETWORKING)
• JEALOUSY
• IDIOMS
### CASUAL SEX
- BOTH PARTIES CONSENT
- NEITHER MANIPULATES/FORCES THE OTHER
- NO ALCOHOL/DRUGS
- BOTH PARTIES RESPECT DIGNITY/PLEASURE OF THE OTHER
- ADEQUATE PROTECTION FOR STD/PREGNANCY

### SEXUAL ATTITUDE DEVELOPMENT
- INFANCY - CHILDHOOD
  - BIRTH-1, SYMBIOSIS/TRUST
  - 1-3, BODY FEELINGS
  - 3-5, ATTENTION/REJECTION
- ADOLESCENCE - PUBERTY
  - FEMALES (ESTROGEN)
  - MALES (TESTOSTERONE)
  - SLEEP CYCLES

### ADULTS
- SINGLEHOOD
  - SES
  - UPPER
  - UPPER MIDDLE
  - MIDDLE
  - WORKING
  - LOWER

### COHABITATION
- UP 72%, 1990'S
- ILLEGAL FORNICATION – 7 STATES
  - FLORIDA, MICHIGAN, MISSISSIPPI, NORTH CAROLINA, NORTH DAKOTA, VIRGINIA, WEST VIRGINIA, ARIZONA (JUST REPEALED)
- REASONS
- CHARACTERISTICS
- DISCRIMINATION – RENTING, MEDICAL, DAY CARE, COURT ORDERED
- CONTRACTS

### MARRIAGE
- DEVITALIZED
- PASSIVE CONGENIAL
- CONFLICT HABITUATED
- VITAL
- TOTAL
- WHO BENEFITS MOST MEN/WOMAN

### EXTRAMARITAL RELATIONSHIPS
- VARITY
- EXCITEMENT
- DISSATISFACTION WITH SPOUSE
- UNAVAILABILITY OF SEX
- REVENGE
TYPES

- EXIT AFFAIR – JUSTIFIED BY SEPARATION
- SPLIT-SELF AFFAIR – SACRIFICED FEELINGS (CARE FOR OTHERS)
- SEX ADDICTION AFFAIRS – REPETITIVE, NUMB FEELINGS
- CONFLICT AVOIDANCE - REPRESSION
- INTIMACY AVOIDANCE – FEAR OF GETTING CLOSE

NONTRADITIONAL MARRIAGES

- OPEN
- GROUP
- SWINGING

DIVORCE - PREVALENCE

- STAGES
  - DISSATISFACTION
  - CONFLICT
  - DETACHMENT
  - SEPARATION
  - REAFFIRMATION

SEXUALITY AND AGING

- FEMALE
  - PERIMENOPAUSE
    - PUBERTY IN REVERSE
    - LOSS OF EGGS - HORMONE CHANGE
  - MENOPAUSE
    - OSTIOPOROSIS/SYMPOMTS
- MALE - PROSTATITIS
- PHYSIOSEXUAL AND RESPONSE CHANGES

SEXUAL BEHAVIOR PATTERNS

- SEX ADDICTION
- NOCTURNAL – REM, sexomnia
- SEXUAL FANTASIES
  - OVERCOME ANXIETY
  - RELIEVE BOREDOM
  - REHERSE NEW ACTIVITIES
  - BOLSTER SELF IMAGE
  - RELIEF FROM GENDER EXPECTATIONS

MORE

- COITAL POSITIONS
- BRIDGE TECHNIQUE
SEXUAL ORIENTATION

- HETEROSEXUALITY
- HOMOSEXUALITY
- BI-SEXUALITY
- KINSEY CONTINUUM
- HOW TO BE GAY – UM
- PUBLIC HS FOR GAYS - NY
- DEVIANCY AND EGODYSTONIC
- LEWD CONDUCT - PENAL CODE 647a
  - ANY PERSON, SOLICITS/ENGAGES, LEWD ACT, PUBLIC PLACE, MISD.

CAUSES

- GENETIC
- PSYCHOANALYTIC
- MODELING
- EARLY MOLESTATION
- CONDITIONING
- TECHNIQUE

MARRIAGE- SPAIN/BELGIUM NETHERLANDS/CANADA

- CIVIL UNION STATUS-VT/CA/NJ (MASS)
- CERTIFIED NOT SANTIFIED
- DISSOLUTION PROCESS AT THE END
- BENEFITS
  - INHERITANCE
  - MEDICAL DECISIONS
  - TAKE PARTNERS BODY
  - TRANSFER PROPERTY W/O TAXES
  - ECONOMIC UNIT - TAXES

CALIFORNIA

- DOMESTICATED PARTNERSHIP
  - REGISTERED SAME SEX(2005)
  - HEALTH, ADOPTION
  - 400,000 COUPLES, 21,000 REGISTERED
  - 93000 COUPLES OC, 11000 SAME SEX
- WWW.SS.CA.GOV/BUSINESS/SF/SF_D P.HTM FOR APPLICATION

CALIF – LAWS AND RIGHTS

- CA FAMILY CODE 300 – CIVIL CONTRACT BETWEEN MAN AND WOMAN
- CA FAMILY CODE 308.5 – ONLY BETWEEN MAN AND WOMAN
  – PROP 22, 2000
- CA CONSTITUTION – EQUAL PROTECTION RIGHT
- US CONSTITUTION – EQUAL PROTECTION RIGHT
  – 1967, LOVING VS. VIRGINIA – INTERRACIAL MARRIAGE
  – TEXAS SODOMY LAW

COMING OUT

- CONFUSION
- COMPARISON
- TOLERANCE
- ACCEPTANCE
- PRIDE
- SYNTHESIS
### SEXUAL TRANSMITTED DISEASES
- Genital Self Exam
- Venereal vs. STD
- Bacterial vs. Viral

### VAGINAL INFECTIONS
- Trichomoniasis
  - Flagyl
- Bacterial Vaginosis
  - Flagyl
- Yeast Infection
  - Supp-Cream-Pills
- Atrophic Vaginitis
  - Estrogen Cream

### URINARY TRACT INFECTIONS
- Chlamydia
- Gonorrhea (CLAP)
- NGU

### VIRAL AND MISCELLANEOUS
- Syphilis
  - Primary, Secondary,
  - Tertiary
- Pubic Lice (Crabs)
- Herpes Simplex Virus
  - Valtrex/Zovirax, Vaccine 2008
- Human Papilloma Virus (Warts)
  - Vaccine 2007

### VIRAL HEPATITIS – 7 TYPES
- A
  - Feces
- B
  - Body fluids – Needles – Sex
- C
  - Body fluids – Needles – Sex
- Symptoms Worse - Alphabet
- Symptoms – Flu – Yellow Jaundice
  - Liver
- Vaccination A/B – Interferon (C)

### HIV
- 800-1000 T-4/ML of Blood
- OraQuick 20 Minute Test
- Multitherapy Inhibits Virus Replication
- AZT, DDI, DDC, Protease Inhibitor
- Hydroxyurea (Leukemia)
- Vaccine
  - Free, Cell, Mucosal Virus
MULTITHERAPY

- Protease Inhibitor (inhibits infectious virons) plus Nucleoside Reverse Transcriptase Inhibitor (inhibits viral replication)
- PI
  - 1. Indinavir (Crixivan), 2. Nelfinavir (Viracept), 3. Ritonavir (Norvir),
  - 4. Saquinavir (Fortovase), 5. Efavirenz (Sustiva)
- NRTI combination:
  - 1. Zidovudine (Retrovir AZT) + Lamivudine (Epivir),
  - 2. Zidovudine + Didanosine (Videx DDI),
  - 3. Zidovudine + Zalcitabine (Hivid),
  - 4. Stavudine (Zerit) + Lamivudine

SEX DYSFUNCTIONS

- CULTURAL
- PERSONAL
- PHYSICAL

PRIMARY PROBLEMS

- ACCIDENTS
- NEUROLOGICAL
- MEDICATION/DRUGS/ALCOHOL
- VASCULAR
- ENDOMETRIOSIS
- DIABETES
- PENILE FRACTURES

MORE

- PERSISTANT SEXUAL AROUSAL SYNDROME (FEMALES)
  - AROUSAL, PAIN, THROBING, SWELLING
  - PUDENDEL ARTERY OR NERVE
  - SURGERY
- PRIAPISM (MALES)
  - ERECTIONS, PAIN, THROBING
  - MORE THAN 6 HOURS
  - PUDENDEL ARTERY OR NERVE
  - CORPORAL ASPIRATION, DRUGS (BACLOFIN)

SECONDARY PROBLEMS

- DESIRE (ISD) - AVERSION
- AROUSAL (ISA)
  - LUBRICATION/IMPOTENCY
- ORGASMIC (ISO)
  - FEMALE (DURING SI)
  - PREMATURE/RETARDED EJACULATION
  - PT. OF EJACULATORY INEVITABILITY
- VAGINISMUS
- DYSPAREUNIA

INCREASING SATISFACTION

- KAGEL AND YOGA EXERCISES
- SEXUAL ANATOMY AWARENESS
- MASTURBATION EXERCISES
- RELATIONSHIP ENHANCEMENT
THERAPY (SECONDARY)
- HIGHLY SEXED, POORLY SKILLED
- SURROGATE
- SQUEEZE TECHNIQUE
- START-STOP
- DILATORS
- BRIDGE TECHNIQUE
- SENSATE FOCUS – (VENIS) Very Erotic Non Intercourse Sex

THERAPY (PRIMARY)
- VASCULAR SURGERY
- PENILE PROSTHESIS
- PUMP
- PAPAVERINE® INJECTIONS
- CAVERJECT® INJECTIONS
- ALPOSTADIL® (MUSE)
- LASERS
- NASAL SPRAY/CREAM 2005

MORE
- VIAGRA (SIDENAFIL CITRATE)
  – 1998, LASTS 4 HOURS
  – HEADACHES, FLUSHING, UPSET STOMACH
- LEVITRA (VARDENAFIL HYDROCHLORIDE)
  – 2003, LASTS 16 HOURS
  – COLD SYMPTOMS
- CIALIS (TADLAFIL)
  – 2003, LASTS 36 HOURS
  – FLU SYMPTOMS
- INTRINSIA – FEMALE PATCH (2005)

PARAPHILIAS
- DEFINITION (6 MONTHS)
- DEMOGRAPHICS
- BEHAVIORS
  – FETISHISM
  – EXHIBITIONISM
  – VOYEURISM
  – TRANSVESTISM
  – PEDOPHILIA

MORE
- MASOCHISM
- SADISM
- ZOOPHILIA
- NECROPHILIA
- KLISMAPHILIA

MORE
- FROTTEURISM
- HYPOXYPHILIA
- UROPHILIA
- COPROPHILIA
**COERCIVE SEX**
- RAPE - DEFINITION AND TYPES
  - UNLAWFUL SEXUAL INTERCOURSE
  - FORCE - STRANGER/DATE
  - DRUGS - ROHYPNOL (ROOFIES)
  - MENTALLY ILL
  - FRAUD
  - DECEPTION

**CLASSIFICATIONS**
- SEXUAL GRATIFICATION
- ANGER
- POWER
- SADISTIC

**RAPIST CHARACTERISTICS**
- REDUCED CONSCIENCE
- IMPULSIVITY
- PROCLIVITY TOWARD VIOLENCE
- POOR SELF CONCEPT
- REACTS TO PEER PRESSURE
- ALCOHOL/DRUGS
- DEVALUATION OF WOMEN
- SOCIALLY INEPT
- PORNOGRAPHY

**VICTIM REACTIONS AND SERVICES**
- PTSD
- CRISIS INTERVENTION
- EMOTIONAL REACTIONS
- THERAPEUTIC APPROACHES

**PEDOPHILIA/INCEST**
- DEFINITIONS
- PREVALENCE AND REPORTING
- TYPES
  - REGRESSIVE
  - FIXATED
  - AGGRESSIVE

**RAMIFICATIONS OF ABUSE**
- REPRESSION
- DEPRESSION, ANXIETY, ANGER
- MISTRUST IN RELATIONSHIPS
- BLACK/WHITE THINKING
- DIFFICULTY COMMUNICATING FEELINGS
- ABANDONMENT FEARS
RECOVERY OPTIONS

• CRISIS INTERVENTION
• HOSPITALIZATION
• BRIEF/LONG TERM THERAPY
• GROUP/FAMILY THERAPY
• SUPPORT GROUPS