

## INDEX

- ABRUPTIO PLACENTAE**  
 (See also PERINATAL MORTALITY)  
 maternal smoking levels and, 3, 7  
 smokers vs. nonsmokers, 3, 8
- ADOLESCENTS**  
 smoking habit, 50, 52
- ADVERTISING**  
 effect on cigarette consumption, 52-53
- AGING**  
 effect on mortality ratios in smokers, 28  
 effect on mortality ratios in ex-smokers, 36-37
- AMERICAN CANCER SOCIETY STUDY**  
 methodology, 25-26
- ANTISMOKING CAMPAIGNS**  
 (See also PREVENTION OF SMOKING)  
 short and long term strategies, 48-50
- BIRTH WEIGHT**  
 effect of carbon monoxide in rabbits, 12  
 effect of cessation of smoking during pregnancy, 2  
 effect of maternal smoking, 1-4  
 fetal and maternal carboxyhemoglobin levels and, 9-10  
 maternal smoking and, 11, 13
- BLOOD VESSELS**  
 effect of carboxyhemoglobin on fetus and placenta, 9  
 effect of smoking, 13
- BREAST FEEDING**  
 (See also LACTATION)  
 effect of nicotine on infants, 15
- BRITISH DOCTORS STUDY**  
 methodology, 26-27
- CARBON MONOXIDE**  
 effect on pregnancy, 9-13  
 effect on birth weight and neonatal mortality in rabbits, 12  
 low birth weight infants and, 12
- CARBOXYHEMOGLOBIN**  
 effect on fetal and placental blood vessels, 9  
 effect on oxygen transport in fetus, 11
- CARBOXYHEMOGLOBIN LEVELS**  
 birth weight and, 9-10  
 birth weight in rabbits and, 12  
 effect of maternal smoking on fetal/maternal ratio, 11  
 effect of smoking in pregnant vs. nonpregnant women, 9-10
- CARDIOVASCULAR DISEASES**  
 (See also ISCHEMIC HEART DISEASE; MYOCARDIAL INFARCT; THROMBOEMBOLISM)  
 mortality risk in oral contraceptive users and smokers, 13-14  
 oral contraceptives and smoking and, 13-15
- CESSATION OF SMOKING**  
 (See also EX-SMOKERS; SMOKERS VS. EX-SMOKERS)  
 effect on birth weight in offspring, 2  
 effect on ischemic heart disease mortality risk, 36  
 effect on lung neoplasm mortality risk, 37  
 effect on mortality rates and ratios, 32-37, 41-42  
 health benefits, 48-50
- CHILDREN**  
 effect of maternal smoking during pregnancy on intellectual and physical development, 8-9  
 smoking habit, 50, 52

## INDEX

- CIGARETTE CONSUMPTION**  
 effect of tobacco industry advertising, 52-53
- CIGARETTES, LESS HAZARDOUS**  
 health benefits, 48-49  
 mortality ratios in low vs. medium vs. high tar/nicotine smokers, 30-31  
 mortality ratios in low tar/nicotine smokers vs. nonsmokers, 31
- CONTRACEPTIVES, ORAL**  
 cardiovascular diseases and smoking and, 13-15  
 myocardial infarct and smoking and, 13-15
- DDT**  
 effect of maternal smoking on levels in breast milk, 15
- EX-SMOKERS**  
 (See also CESSATION OF SMOKING; SMOKERS VS. EX-SMOKERS)  
 birth weight in offspring, 2  
 mortality ratios, 32-33
- FETUS**  
 (See also BIRTH WEIGHT; PERINATAL MORTALITY)  
 effect of carboxyhemoglobin on blood vessels, 9  
 effect of maternal smoking on oxygen transport, 11-12
- HEREDITY**  
 role in disease etiology, 49
- INHALATION**  
 effect on mortality ratios in cigarette smokers, 29  
 effect on mortality ratios in cigar vs. pipe smokers, 38
- INTELLECTUAL DEVELOPMENT**  
 effect of maternal smoking levels during pregnancy on offspring, 8-9
- ISCHEMIC HEART DISEASE**  
 (See also CARDIOVASCULAR DISEASES)  
 mortality risk, effect of cessation of smoking, 36
- LACTATION**  
 (See also BREAST FEEDING)  
 effect of maternal smoking, 15
- LUNG NEOPLASMS**  
 mortality risk, effect of cessation of smoking, 37
- MORTALITY**  
 annual probability of dying in smokers vs. nonsmokers vs. ex-smokers, 34-37  
 cardiovascular diseases, risk in oral contraceptive users and smokers, 13-14  
 cigarette vs. cigar vs. pipe smokers, 38  
 effect of smoking, 21-45  
 myocardial infarct, rates in oral contraceptive users and smokers, 13-14  
 summary of the 1964 Surgeon General's Report findings, 22-23  
 summary of the 1967 Health Consequences of Smoking findings, 23
- MORTALITY RATIOS**  
 cigarette vs. cigar vs. pipe smokers, 38, 41-43  
 effect of inhalation, 29,38  
 effect of smoking duration in cigar smokers, 39  
 effect of smoking duration in cigarette smokers, 28-29  
 effect of smoking duration in pipe smokers, 39-41  
 effect of smoking levels in cigar smokers, 39-40  
 effect of smoking levels in cigarette smokers, 27-29  
 effect of smoking levels in pipe smokers, 39-41  
 ex-smokers, 32-37  
 low tar/nicotine smokers vs. nonsmokers, 31-32  
 low vs. medium vs. high tar/nicotine smokers, 38, 41-43
- MYOCARDIAL INFARCT**  
 (See also CARDIOVASCULAR DISEASES)  
 mortality rate in oral contraceptive users and smokers, 13-14  
 oral contraceptives and smoking and, 13-15
- NATIONAL CHILD DEVELOPMENT STUDY, 8-9**
- NATIONAL CLEARINGHOUSE FOR SMOKING AND HEALTH**  
 effect of maternal smoking on pregnancy, survey of public awareness, 16  
 role in prevention of smoking, 55

## INDEX

## NICOTINE

- effect on breast-fed infants, 15
- effect on mortality ratios, 30-31

## NEONATAL MORTALITY

- effect of carbon monoxide in rabbits, 12

## ONTARIO PERINATAL MORTALITY STUDY, 3

## OXYGEN TRANSPORT

- effect of carboxyhemoglobin on fetus, 11
- effect of maternal smoking on fetus and mother, 11-12

## PERINATAL MORTALITY

(See also ABRUPTIO PLACENTAE;

BIRTH WEIGHT; PLACENTA PREVIA; PREMATURITY; STILL-BIRTHS)

- effect of maternal smoking, 2-3, 7
- maternal smoking and, 13
- risk factors, 2-3

## PHYSICAL DEVELOPMENT

- effect of maternal smoking levels during pregnancy on offspring, 8-9

## PLACENTA

- effect of carboxyhemoglobin on blood vessels, 9

## PLACENTA PREVIA

(See also PERINATAL MORTALITY)

- maternal smoking levels and, 3-4, 7
- smokers vs. nonsmokers, 3-4, 8

## PREGNANCY

- effect of carbon monoxide, 9-13
- effect of maternal smoking, 1-13
- effect of maternal smoking, public awareness, 15-16

## PREMATURITY

(See also FETUS; PERINATAL MORTALITY)

- maternal smoking levels and, 3-4

## PREVENTION OF SMOKING

(See also ANTISMOKING CAMPAIGNS)

- barriers to successful control, 53-55
- health benefits, 48-50
- international programs, future needs, 55-56

## SMOKE, CIGARETTE

(See also SMOKING)

- synergistic action in disease etiology, 49

## SMOKERS, CIGAR

- mortality ratios, 38-43
- mortality ratios, effect of smoking duration 38-39
- mortality ratios, effect of smoking levels, 38-40

## SMOKERS, PIPE

- mortality ratios, 38-43
- mortality ratios, effect of smoking duration, 38-41
- mortality ratios, effect of smoking levels, 38-41

## SMOKERS vs. EX-SMOKERS

(See also CESSATION OF SMOKING; EX-SMOKERS)

- annual probability of dying, 34-37

## SMOKERS vs. NONSMOKERS

- abruptio placentae, 3, 5-6, 8
- annual probability of dying, 34-37
- birth weight in offspring, 4
- membrane rupture during pregnancy, 7-8

- myocardial infarct in oral contraceptive users, 13-15

- perinatal mortality, 5

- placenta previa, 3-4, 6, 8

- prematurity, 4

## SMOKING (See also SMOKE, CIGARETTE; SMOKERS, CIGAR;

SMOKERS, PIPE; SMOKING DURATION; SMOKING LEVELS; SMOKING, MATERNAL)

- effect on blood vessels, 13
- effect on carboxyhemoglobin levels in pregnant vs.

- nonpregnant women, 11

- effect on mortality, 21-45

- in etiology of disease, review of mechanisms, 47-49

- synergistic action in disease etiology, 49

## SMOKING AND HEALTH

- research needs, 53-56

## SMOKING DURATION

(See also EX-SMOKERS; SMOKERS, CIGAR; SMOKERS, PIPE; SMOKING; SMOKING LEVELS)

- effect on mortality ratios in cigar smokers, 38-39

- effect on mortality ratios in cigarette smokers, 28-29

- effect on mortality ratios in ex-smokers, 32-34

## INDEX

- effect on mortality ratios in pipe smokers, 38-41
- SMOKING HABIT**  
 children and adolescents, 50, 52  
 initiation, establishment, maintenance and modification, 50-51  
 research needs, 53-54, 56  
 trends in 20th Century, 51-53  
 women, 1
- SMOKING LEVELS**  
 (See also **SMOKERS, CIGAR; SMOKERS, PIPE; SMOKING; SMOKING DURATION; SMOKING LEVELS, MATERNAL**)  
 effect on mortality ratios in cigar smokers, 38-40  
 effect on mortality ratios in cigarette smokers, 27-29  
 effect on mortality ratios in ex-smokers, 32-34  
 effect on mortality ratios in pipe smokers, 38-41  
 effect on myocardial infarct risk in oral contraceptive users, 14-15
- SMOKING LEVELS, MATERNAL**  
 (See also **SMOKING, MATERNAL**)  
 abruptio placentae and, 3, 5, 7  
 bleeding during pregnancy and, 3, 7  
 effect on birth weight, 2-4  
 effect on carboxyhemoglobin levels, 10  
 effect on intellectual and physical development in offspring, 8-9  
 effect on perinatal mortality, 3, 5, 7  
 membrane rupture during pregnancy and, 3, 7  
 prematurity and, 3-4  
 placenta previa and, 3-4, 7
- SMOKING, MATERNAL**  
 (See also **SMOKING LEVELS, MATERNAL**)  
 effect on birth weight, 1-2  
 effect on DDT levels in breast milk, 15  
 effect on fetal/maternal carboxyhemoglobin ratio, 11  
 effect on intellectual and physical development in offspring, 8-9  
 effect on lactation, 15  
 effect on oxygen transport in fetus and mother, 11-12  
 effect on perinatal mortality, 2-3  
 effect on pregnancy, 1-13  
 effect on pregnancy, public awareness, 15-16  
 effect on umbilical artery, 13  
 low birth weight and, 13  
 perinatal mortality and, 13  
 stillbirths and, 8
- STILLBIRTHS**  
 (See also **PERINATAL MORTALITY**)  
 maternal smoking and, 8
- THROMBOEMBOLISM**  
 (See also **CARDIOVASCULAR DISEASES**)  
 mortality rate in oral contraceptive users and smokers, 14
- TOBACCO INDUSTRY**  
 effect of advertising on cigarette sales, 52-53
- UMBILICAL ARTERY**  
 effect of maternal smoking, 13
- U.S. VETERANS STUDY**  
 methodology, 26
- WOMEN**  
 smoking habit, 1  
 summary of smoking related health problems, 17