

# Increased prevalence of liver diseases and fragmented germ cells with reduced endogenous Estrogen; Increasing prevalence of Hepatitis B Virus and rising environmental Estrogen

## Proof of Concept study- retrospective analysis

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**Abstract**— Background : Era of contraception, abortions, [20th, 21st centuries] implemented as family welfare schemes witnessed, increased global incidence of liver disease including hepatitis B, C viral infections, nonalcoholic steatotic hepatitis. Rising estrogen particles were detected in air and water in 1998, 1994 respectively.

Objectives: altruistic association of contraception, abortion [if any], with increasing liver diseases, hepatitis B, C viral infections and rising environmental estrogen was sought after;

Methods: In 2012, retrospective analysis of, prevalence of liver diseases, in 350 patients of 20-35 years, 35-50 years, >50 years age groups, from data collected by convenient, stratified random sampling, from different geographical locations, between 2003-2012 and its association with presence, absence of contraception, abortion was undertaken; simultaneously, serum estrogen levels obtained from 105 patients, was also analyzed.

4 sea water samples, 3 river water samples were analyzed for estrogen levels.

Hemoglobin electrophoresis was attempted in sea water to identify fetal, adult hemoglobin.

Alpha fetoprotein,  $\beta$  Human chorionic gonadotropins were estimated in sea, river water samples.

Results: 15-24 fold increase in liver diseases was seen in contraceptive users of >20 years to >50 years with a p value of <0.0005. figure-1

~100% increase in viral infections is prevalent with a p value of <0.0005; figure-2

Endogenous estrogen was reduced below normal in 61% of contraceptive users, with a p value of <0.0005; 25% of contraceptive users had low normal serum estrogen; figure 3.

River water showed 3-5pg of estrogen, sea water showed 0.3-1pg of estrogen suggesting estrogen brought by the rivers gets diluted in the sea

Routine hemoglobin electrophoresis measuring in grams could not detect any visible bands.

Alpha fetoprotein was measured in sea, river water as <0.6ng;  $\beta$  human chorionic gonadotropins were estimated in the sea, river water as <0.1miu/ml

Cholesterol deprived diet, due to decreased synthesis of endogenous estrogen: androgen also was associated with 50% increase in degenerative diseases including liver disease and osteoporosis.

Conclusion: Concept is acquired contraception, abortion status, with smashed fragmentation of germ cells by prohibition from traversing their normal path, consequent reduced endogenous estrogen: androgen, results in defaulted genomic repertoire, deranged cell

metabolism, increased prevalence of liver disease, including non alcoholic steatotic hepatitis,[fatty change liver] and rise in infectious diseases including hepatitis B, C virus promoted by aborted blood, contraceptive menstrual blood pollution of the air, water, evidenced by rising environmental estrogen.[unless blood is spilt estrogen-which is a hormone secreted directly into the blood, circulating in the blood, cannot reach the environment]

Contraception reversal declined the liver diseases as a cause and effect phenomenon; decreased aborted blood, reduced contraceptive menstrual blood environmental pollution, will decrease microbial incidence and virulence; whereas pregnancy with 4200 pg. Estrogen secreted by the placenta, and robust immune status eliminates hepatitis B virus.

Use of condoms, by achieving contraception, perpetuates the disease and reduces the carrier status of Human immune deficiency virus, hepatitis B, C, viruses.

**Index Terms**— aborted, contraceptive menstrual blood pollution; contraception reversal; fragmented germ cells; germ cell's replant; reduced endogenous estrogen; rising environmental estrogen; two subsets of people- with and without contraception



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## Introduction

Global curriculum has presumed contraception to be without side effects, [permitted by Life Sciences, without evidence base or studies prior to or after implementation of family welfare schemes, implemented without therapeutic indication,] and the contraceptive procedures as such are uneventful. Contraception, abortion has been progressively implemented from ~1970.

In 1989, 1993 two patients who were hepatitis B surface antigen positive, one had hepatitis, the other was a carrier, *expelled the virus during the following pregnancy* and became negative for surface antigen screening, without specific therapy.

~1980 patients with ethanol associated liver disease in coma, recovered with simple ampicillin to curtail gram negative bacteremia, whereas in 1995, ~1995, young men, women after puerperal sterilization, though without ethanol consumption, presented with end stage liver disease and mortality in spite of hepatologist's efficient care; In 1996, 2 patients with liver disease recovered, wherein life partners had discontinued contraception: condoms, copper t.

~1980, even when the hepatitis B virus was emerging with virulence, recovery without mortality was the job satisfaction; ~1994, 1998 estrogen like particles were detected as pollutant in water, air respectively. Hence any correlation between contraception: abortion, rising environmental estrogen, increasing mortality with liver disease was sought after.

## Methods:

An attempt to elucidate the reason for increase in prevalence of liver disease, decreased therapeutic efficacy, in spite of advanced technologies in 21<sup>st</sup> century than early 20<sup>th</sup> century was undertaken.

As advised by a scientist, 30 sample size being essential for statistical analysis, minimum of 30 samples was planned

for, in each of 3 age groups, namely 20-35 years, 36-50 years, >50 years; though people from the community are visiting the hospital, analysis of hospital patients alone can create a bias, hence data from the community, hospital, health screening camps, of different geographical locations separated by >500 Km. distance were included; data from each person contained prevalent diseases, status of contraception, hysterectomy, type of oil ingested, life style, level of nutrition, presence of anemia; the data was tabulated as prevalent diseases, matched against the variables in each age group; retrospective bioinformatics analysis was done, by plotting histograms for the 3 age groups and cumulative graphs for each disease in 2012; an example of tabulation of the data and questionnaire is provided in the supplementary file.

In 2003 house to house survey in the community, spread over 3 weeks, was conducted by the corresponding author, to collect data of prevalent diseases of 100 people; the people who were present during the survey were included at random, by convenient sampling into the 3 age groups namely 20-35 years, 35-50 years, >50 years, to include a minimum of 30 people in each age group; serum estrogen estimation was done for 12 people as per their request; the reduced estrogen levels [5-8pg] found in young contraceptive users, was the eye opener, leading to further data analysis.

In 2004 data of 93 hospital patients was collected over a period of 6 months, including diseases prevalent, contraception status, life style, nutrition, type of oil ingested, level of hemoglobin and were assigned to the 3 age groups by stratified random sampling with a minimum of 30 patients in each age group; *serum estrogen estimation was done for all 93 patients-figure -3*; the data was tabulated matching diseases against status of contraception and other variables; one patient was a foreign national.

In 2011, 96 people [43 couples] working in different states of our nation had attended a health screening camp conducted in the community, spread over 3 days and their data was analyzed after assigning into the 3 age groups at random, for association of diseases with status of

contraception, hysterectomy and other variables; effect of contraception in both partners after contraception also could be analyzed; none had sedentary life style, low nutrition or anemia or had worn tight attires around the pelvis.

In 2012, data of 61 hospital patients including a foreign resident, from another geographical location, was collected over a span of 6 months, assigned to the 3 age groups at random and was pooled to the other data from 2003, 2004, 2011 and retrospective bio informatics analysis was undertaken for the 350 patients in 2012, by plotting histogram for the 3 age groups and cumulative graphs for each disease, including liver disease-figure-1.

Every participant was informed about their data being included for study purpose and the concerned hospital authorities were also informed; in 2012 an engineering college student did the bio informatics analysis as his project.

4sea water samples from Indian Ocean, Arabian Sea, Bay of Bengal, 3 samples from river water of Cape Comorin were analyzed for estrogen levels.

Hemoglobin electrophoresis was attempted in sea water of Bay of Bengal to identify fetal, adult hemoglobin.

Alpha fetoprotein,  $\beta$  Human chorionic gonadotropins were estimated in sea of Bay of Bengal, river water samples.

Discussion of an obvious change in scenario in hepatitis B virus infection, after implementation of contraception, which led to this analysis, is presented.

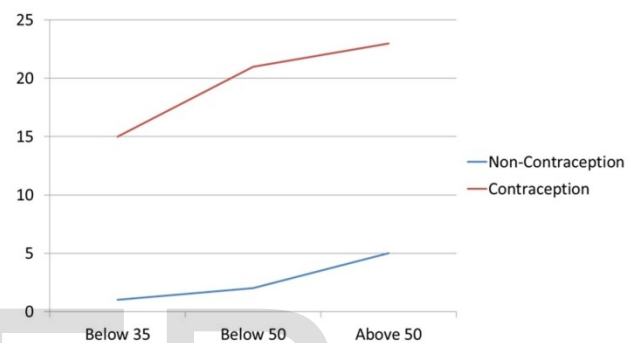
**Results:** Variables like nutrition, life style, presence of anemia, tight attires around pelvis were nullified, since none of them were malnourished, or anemic, or wore tight attires around the pelvic region; for all of them, life style was rated as moderate exercise.

Cholesterol deprived diet- oil without fatty acids, sunflower oil, refined, bleached oil consumption showed a 50% increase of osteoporosis, 5 fold increase in liver disease namely non alcoholic steatosis- fatty change liver,

in young adults before marriage [i.e. in our country premarital sex requiring contraception is prohibited, considered as adultery, but contraception is practiced in life partners, ~98% as part of family welfare schemes, to reduce population, human race, without evidence base for safety or therapeutic indication.]

Contraception, abortion was associated with 15-24 fold increase in liver disease with a p value of <0.0005 figure-1.

**Figure - 1 - Liver Diseases and Contraception**



Cumulative distribution of Liver Disorders across age.

~100% increase in infectious diseases including Hepatitis B viral infection with a p value of <0.0005 was observed in association with progressive successful implementation of

global contraception, abortion figure-2.

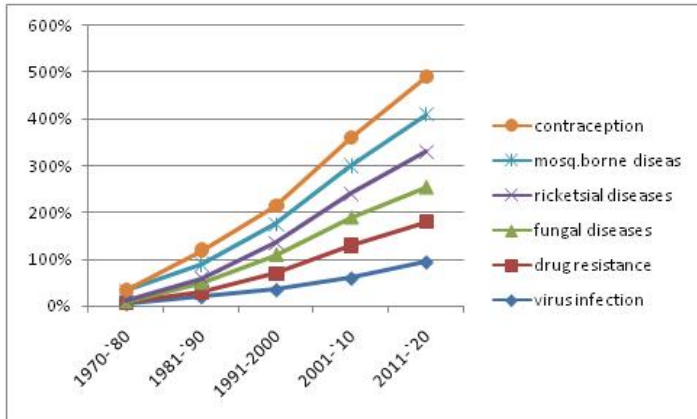
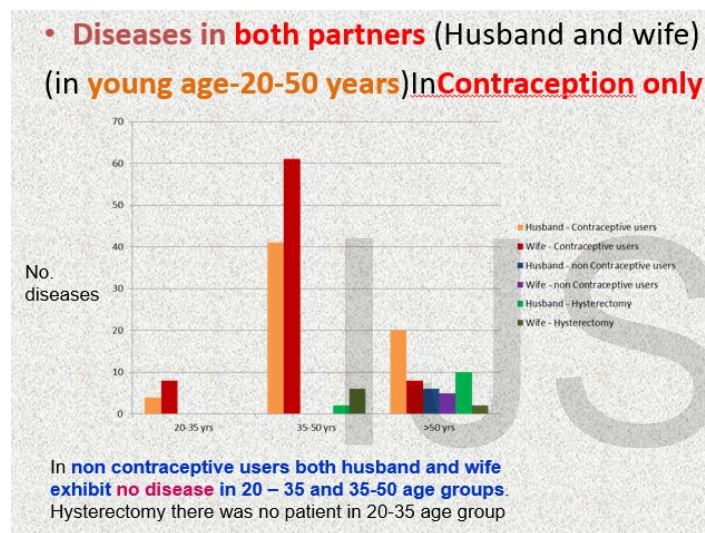


Figure2-Infections and contraception



In non contraceptive users both husband and wife exhibit no disease in 20 – 35 and 35-50 age groups. Hysterectomy there was no patient in 20-35 age group

Supplementary file-Diseases in both partners

Both partners who were using contraception had diseases including liver pathology, color figures- supplementary files.

Endogenous estrogen was grossly reduced to 5-8 pg. in 61% of people using contraception among 20 to <50 years age group with a p value of <0.0005 figure 3; after hysterectomy estrogen had reduced to as low as 0.4 pg.

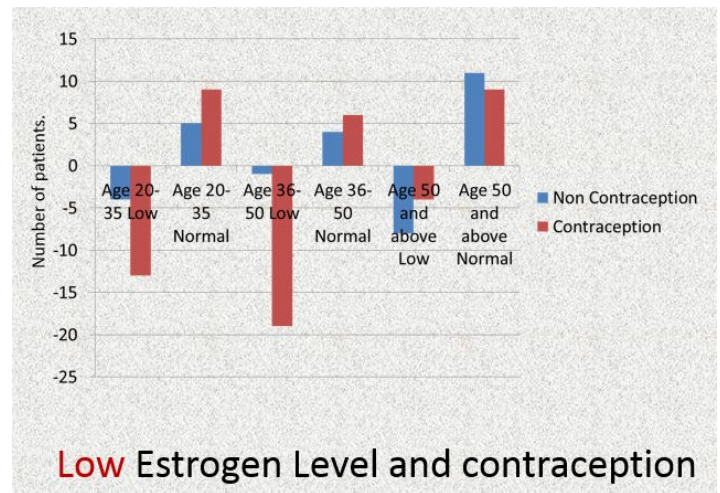


Figure3-Reduced estrogen, contraception

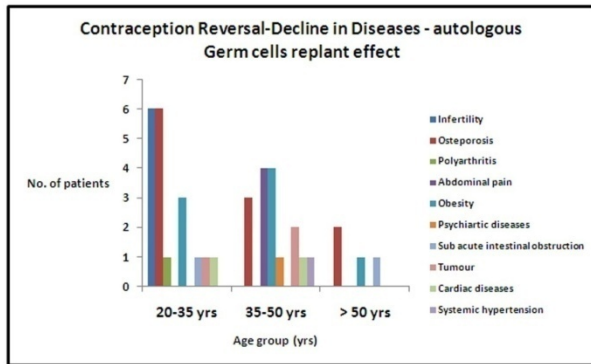
River water showed 3-5pg of estrogen, sea water showed 0.3-1pg of estrogen suggesting estrogen brought by the rivers gets diluted in the sea

Routine hemoglobin electrophoresis measuring in grams could not detect any visible bands in sea water sample; if some equipment can detect hemoglobin in pictogram or nanograms probably the visible bands could be identified. .

Alpha feto protein in sea, river water measured as <0.6ng; β human chorionic gonadotropins in the sea, river water measured as <0.1miu/ml suggesting aborted blood, contraceptive blood pollution of the environment.

Contraception reversal as a cause and effect phenomenon- figure -4 resulted in decline in the diseases, since the hormones returned to 79.9% of the normal value for the corresponding age.

**Figure - 4 - Medical Miracle**



Contraception reversal is not possible in hysterectomy or orchidectomy hence should be reserved for cancer of the uterus, testes and postpartum hemorrhage

**Discussion:**

Endogenous 4200pgm of placental estrogen`s surveillance, enables the one cell fertilized embryo , through a process of differentiation, controlled multiplication to develop into tissue, organ, baby with life from above, but for which there`ll be spontaneous abortion, placental switchover insufficiency; in 17 yrs of age this hormone`s value is 100-300pg, 37 yrs it normally decreases to 15pg, in >80yrs it drops to ~5pg; whereas after contraception the endogenous estrogen dips to 5-8pg in young age; somatic cells` nurture metabolism, maintenance, differentiation, regeneration, repair, efficient optimal function, requires the optimal surveillance of reproductive hormones; <sup>1</sup> as

the endogenous hormones decrease after contraception more of degenerative diseases [genomic repertoire <sup>1a</sup> embryo like healing in tissue injury, cell metabolism defaults] manifest including liver diseases as part of metabolic syndrome.

*Hence pregnancy with good immunological surveillance governed by placental estrogen of 4200pg. eliminates Hepatitis B virus*

*The concept is contraception, including condoms, preventing normal path traversal of germ cells with resultant smashed destruction of germ cells <sup>2</sup>, consequent decreased endogenous estrogen: androgen to 5-8pgm at young age, by negative feedback to hypothalamic pituitary axis mediated by endorphins probably, results in decreased regenerative capacity of cells, defaulted cell cycle, metabolism , genomic repertoire, leading to increased damage by virulent Hepatitis B virus, increased associated gram negative bacteremia in liver failure, increasing mortality and makes therapy ineffective due to cellular functional impairment, metabolic syndrome.*

*The concept is decreased hormonal surveillance can result in neoplasm including hepatocellular carcinoma because the cells will go through a process of uncontrolled multiplication preceded by no differentiation<sup>1</sup> due to reduced endogenous estrogen availability for surveillance of cell cycle, metabolism, cell differentiation and controlled multiplication.*

*The concept is decreased hormonal surveillance, after contraception, results in degenerative liver pathology, steatosis, suboptimal regeneration, degeneration with impaired cell cycle of differentiation progressing to cirrhosis<sup>1b</sup>*

*The concept is acquired contraception results in smashed fragments of germ cells, a centric fragments, chromatid breaks, ring chromosomes, fragments of nuclear materials,<sup>2</sup> collagen, seen in uterus, peritoneal cavity recognized by cell immunity, as foreign leading to auto immunity including autoimmune hepatitis; auto-immune hepatitis<sup>2a</sup> exhibits continuing hepatocellular necrosis, with 40% mortality in 6 months.*

Autoimmune component with steatosis could have played a role for cirrhosis, mortality in the 3 women with puerperal sterilization in 1996.

In 1998 Professor Paul Devroey<sup>3</sup> discovered estrogen like particles are on the rise in the air when he attempted to find the air pollutant to explain increase in infertility.

In 1994 Dr Susan Jobling<sup>4</sup> of Brunel University documented estrogen like compounds in river water as pollutant when she had attempted to elucidate the pollutant responsible for disappearance of fish

*863,000,000 abortions × 4200pgm of estrogen × ~350ml blood loss/abortion = environmental estrogen*

*When a mother is blessed for e.g. with 10 children she will not menstruate for 200 months or 20 years; whereas after contraception:-*

*1,989,375,754 women of 15-50 years × 200 months × 300pgm of estrogen × 350ml menstrual blood loss = environmental estrogen*

*Global Environmental estrogen increase = global innocent aborted blood, contraceptive menstrual blood contained air-inhalation, water ingestion = environmental aborted blood, contracepted menstrual blood contained pollution.*

*Our analysis of sea, river waters detected estrogen, alpha feto protein, β Human chorionic gonadotropins confirming further aborted, contraceptive menstrual blood pollution of the environment*

*The concept is universally practiced contraception, guillotine protocol based, without therapeutic indication, for e.g. 863 million reported surgical abortions till 2010, has resulted in innocent aborted blood, contraceptive menstrual blood pollution of the environment, as evidenced by rise in estrogen like particles in air and water, environmental estrogen;<sup>3</sup> contraceptive menstrual blood, aborted blood being a very good media for incidence, prevalence of viruses namely Human immunodeficiency virus, Hepatitis A,B,C,D,E viruses, SARS, Chikungunya, Dengue, H1N1, Extended spectrum of Beta lactamase production, drug resistance of microbes including*

*tuberculosis, (inherently less virulent), polyvalent strains of varicella, making vaccines ineffective.*

Hepatitis B virus affects 300 million people, one of the common cause for hepatitis, hepatocellular carcinoma; full recovery is made by 90-95% of adults with acute Hepatitis B virus infection; 5-10% develop chronic infection, <1% develop acute fulminant hepatic failure<sup>5</sup>; acute infection can be asymptomatic also.

Perinatal infection is uncommon in North America, Western Europe; but common means of perpetuation in developing countries; 10% infection is acquired in uterus; most infections occur at the time of delivery<sup>6</sup> and are not related to breast feeding.

*Similarly the concept is Human immunodeficiency virus infection, hepatitis B virus infection will manifest as progressive disease in partners on contraception, including condoms; but remain as carrier status in life partners without contraception reducing mortality, morbidity.*

*The concept is prevention of Human immune deficiency virus, Hepatitis B virus infections cannot be achieved by contraception, but by abolishing contraception with consequent*

(a) Decrease in innocent aborted blood, contraceptive menstrual blood pollution of the environment to decrease the incidence, virulence, drug resistance of microbes including Hepatitis B virus, Human immune deficiency virus.

(b) Abolishing contraception, reversal of contraception, results in revival of germ cells as germ cell replant effect, reproductive hormones, regeneration of neuronal cells, factors leading to regression of sexual promiscuity and reduced incidence, extinction of viruses.

(c) Contraception reversal results in regeneration of degenerating cells including immunity to hasten recovery and reduce mortality.

(c) Awareness, health education of physiological value of pregnancy, virginity, lifetime committed, holy matrimony with undefiled relationship, motherhood, fatherhood

needs to be promoted, to prevent, abolish Hepatitis B virus, Human immune deficiency viral infections.

(d) Abstinence, self control by the father, during 7 days after last menstrual period, 45 days after male baby delivery, 90 days after girl baby delivery allowing time for the shed endometrium to regrow, placental detached raw endometrial surface to be replenished respectively; placental raw endometrial surface is double for xx-girl baby [to synthesize estrogens 2-3 steps advanced than androgen,] than for male baby- x y ; otherwise sexual contact exposing germ cells to the raw endometrial bloody surface can precipitate profound blood borne viral diseases, autoimmune diseases, endometriosis in persons who are not on contraception also; for people on contraception, exposure of smashed, fragmented germ cells to the raw bloody endometrial surface can precipitate mortality, including profound disseminated intravascular coagulation mediated by tissue injury.

## Conclusion

Hepatitis B virus, Human immune deficiency viral infection's incidence has increased after the *era of contraception secondary to innocent aborted blood, contraceptive menstrual blood pollution of the environment, evidenced by rise in estrogen like particles in air, water-environmental estrogen, further confirmed by detected alpha feto protein [from fetus], & Human chorionic gonadotropins [from placenta of the fetus] in sea, river water.*

Physiological pregnancy eliminates Hepatitis B virus without specific treatment.

Contraception including condoms increases 100% viral infections with a p value of <0.0005, including Hepatitis B, C virus and Human immunodeficiency viral disease manifestations, mortality, secondary to smashed destruction of germ cells which otherwise would have liquefied and disappeared, resultant decreased endogenous estrogen leading to impaired somatic cell function, cell cycle, cell metabolism and genomic repertoire.

Promoting condoms in partners with Hepatitis B Viral infections will precipitate disease rather than remaining as carrier state.

Abolishing contraception, implementing contraception reversal, will decrease the incidence, virulence of Hepatitis B virus, Human immune deficiency virus; will enhance recovery, reduce mortality and make the therapy effective in liver disease, reduce sexual promiscuity and incidence of Hepatitis B virus, emergence of further new microbial virulent strains.

Prevention of Hepatitis B virus, Human immunodeficiency virus, autoimmune diseases and degenerative diseases is by abolishing contraception and by advocating abstinence to avoid germ cell exposure to raw bloody endometrial surface for 7 days after menstruation, 45 days after male baby delivery, 90 days after girl baby delivery.

Liver disease has increased 24 fold with a p value of <0.0005, after contraception by degenerative pathology (steatosis), autoimmune pathology, infectious etiology and neoplasm, relentlessly progressing to mortality.

Promote physiological pregnancy, abolish, reverse contraception, abortion, we can easily reduce, extinct the Hepatitis B virus, increasing prevalence of liver diseases.

## KEY POINTS:

- Physiological pregnancy with its robust immunity eliminates the Hepatitis B virus.
- Artificially acquired contraception status with smashed destruction of germ cells, low endogenous estrogen: androgen, leads to relentless progression of liver diseases to mortality including Hepatitis B viral infection, autoimmune, steatotic (degenerative), neoplastic liver diseases.
- Contraception with resultant aborted blood, contraceptive menstrual blood as environmental pollutant evidenced by rising environmental estrogen has perpetuated the emergence,



incidence, virulence of microbes including Hepatitis B virus, Human immune deficiency virus.

- Abolishing contraception will prevent, arrest progression of Hepatitis B virus, Human immunodeficiency viral disease (may remain as carrier status), enables effective therapy.
- promoting awareness of the significance of abstinence during raw endometrial surface germ cells exposure may reduce incidence of Hepatitis B virus

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**Conflicts of Interests:** None declared;

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**Supplementary file-data analysis-tabulation**

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**Tabulation**

		2dm	shten sion	a.cor. syn	renal dis	liver dise	pulm ondi	neuro lo	hypot hyro	osteo por	herni a	obesity	solar k era	filaria s	cance r	morta lit	fibrou sad
20-35yrs	contr accep																
	nonco ntr																
36-50yrs	contr accep																
	nonco ntr																
>51yrs	contr accep																
	nonco ntr																

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