

What You May not Know About Tobacco?

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Deaths Due to Tobacco Consumption

- 19001 to2000: 100 million deaths.
- 2001 to 2100: 1000 million.
- Half of the smokers living today (2005) i.e 1300 million will die due to diseases caused by tobacco consumption ie 650 million. 90% of all deaths in developing countries.

- Annual deaths at 2000:5 million.
- Annual deaths at 2015 :10 million.
- Nuclear bombs at Hiroshima and Nagasaki killed 125,000 persons immediately and 125,000 over the years because of cancers.

Merchants of death

- The American Tobacco Industry.
- Larry White.
- Forwarded by Everett Koop.
- Surgeon General of USA.
- “worse than nuclear weapons and plague”.

Deaths in USA (unusually)(1980-1990)

■ Tobacco	400,000
■ Alcohol	100,000
■ Car accident	25,000
■ Murder and violent crimes	35,000
■ All drugs of abuse	20,000

Deaths in U.K (annually)

■ Tobacco	110,000
■ Alcohol	25,000
■ Abuse of drug e.g. Heroin, amphetamine and glue etc	160-180

Tobacco deaths in Asia (annually)

- China: 1 million
- India: 800,000 -1 million

Deaths in Saudi Arabia (annually)

- Tobacco 23,000
- Traffic accident 8,000
- Terrorist activities 20-60

Lung Cancer in Saudi Arabia

- 90% of lung cancer is due to smoking.
- Taylor study (1961)(Aramco Eastern Province): the 12th deadly cancer in males.
- Al Aqqad study (1979-1984) (king Faisal Hospital, Riyadh): 3rd deadly cancer in males.
- King Faisal study (1990): 2nd deadly cancer in males.
- Al Tamimi T, Albar A(1996) (Eastern Province):1st deadly cancer in males and the 2nd deadly cancer in females.

Hospital Admission in Saudi Arabia

- Because of smoking: 250,000 cases annually.
- Costs to Ministry of Health 5 billion S.R annually.
- The street value of cigarettes is >2 billion dollars.

Smoking & GNP

- Smoking reduces GNP through:
- Premature deaths
- Disability and ailments
- Absenteeism from work
- Decrease production
- Increase health budget
- Increase fires and accidents

Tobacco Cultivation

- 7th crop of the world in 120 countries.
- 10 million tons of tobacco produced annually.
- Pesticides are used without protection (masks, boots etc) resulting in: increase deaths, cancers, sterility, abortion, paralysis and increase congenital malformations.
- Pesticides sold to developing countries are banned in the producing countries itself.

Tobacco Cultivation

- Drying of tobacco leaves by burning forests:
- 7 millions hectares are burnt annually in developing countries to dry tobacco leaves.
- Dangers to eco-systems and pollution.
- Wealthy countries use gas and petroleum for drying tobacco leaves.

Tobacco industry

- 7 giant tobacco companies control world wide cultivation, production and marketing.
- Annual sales 300 billion dollars.
- Philip Morris distributes 175 brands in 160 countries.
- Using pressure, money deceit to continue poisoning the earth population and mass killing.

USA cigarettes Exports to Developing countries

- 8% of total production in 1984
- 34% in 1994
- Trade surplus from tobacco exports in 1990 was 4.2 billion dollars.

Tobacco Lobby in USA

- 420 congressmen
- 87 Senators

Accepted tobacco companies contributions and support in their election campaigns.

- FDA never regulated cigarettes as drug delivery system for nicotine, and never subjected tobacco products to safety and health regulation .

Tobacco Litigation in USA

- Huge increase of Litigation cases against tobacco companies in 1990s.
- 800 cases up to 1998: 600 million dollars paid annually by tobacco companies.
- In 1999: the federal courts indicted tobacco companies and ordered them to pay 386 billion dollars over 20 years to the states- government.
- No litigation accepted from outside USA.

- Maryland court ordered 5 tobacco companies in 16/7/2000 to pay 145 billion dollars for the victims of tobacco in Maryland.
- Hostesses were paid in Florida 350 million dollars in compensation by tobacco companies.

Tobacco Imports in Saudi Arabia

year	Import in kilogram	Value in Saudi Riyals
1972	4,575,00	117,308,000
1977	27,027,000	350,382,000
1984	42,377,000	1,173,350,000
1994	45,000,000	1,400,000,000

- Each kilogram= 1280 cigarettes.
- The annual increase 1972 to 1984 = 90%
- The highest in the world!

The value of tobacco (1991) In Saudi Arabia 1,4 billion Riyals

- Import from USA: 50%
- Import from U.K: 25%
- Import from Switzerland 13%

Taxes on cigarettes increased gradually

From 15% to 30% (1980s).

To 50% (early 1990s) to 100% (late 1990s).

Smuggling of Tobacco

- As the tax increased so did the smuggling.
- In 1991 the value of tobacco was reported at 1400 million Riyals.
- In 2005 the value came down to 600 million Riyals.
- There is a huge increase of consumption due to the increase of population from 8 millions to 23 millions.

Smuggling Battle

- Stop smuggling by giving huge incentives to customs officers.
- the tax should be doubles or tripled (200%-300%) for confiscated tobacco.

Ban on Smoking at Public Spaces

- Should be strictly enforced.
- Fines should be paid immediately.
- To encourage fine collection, give incentives to fine collectors.

- Ban selling tobacco to under 18 and enforce the ban by heavy fines.

- King Faisal Hospital Expenses on Treating tobacco diseases Estimated at 10 billion dollars. (20 years).
- The American courts refused the Litigation.

Litigation should be directed against tobacco importers in the Kingdom.

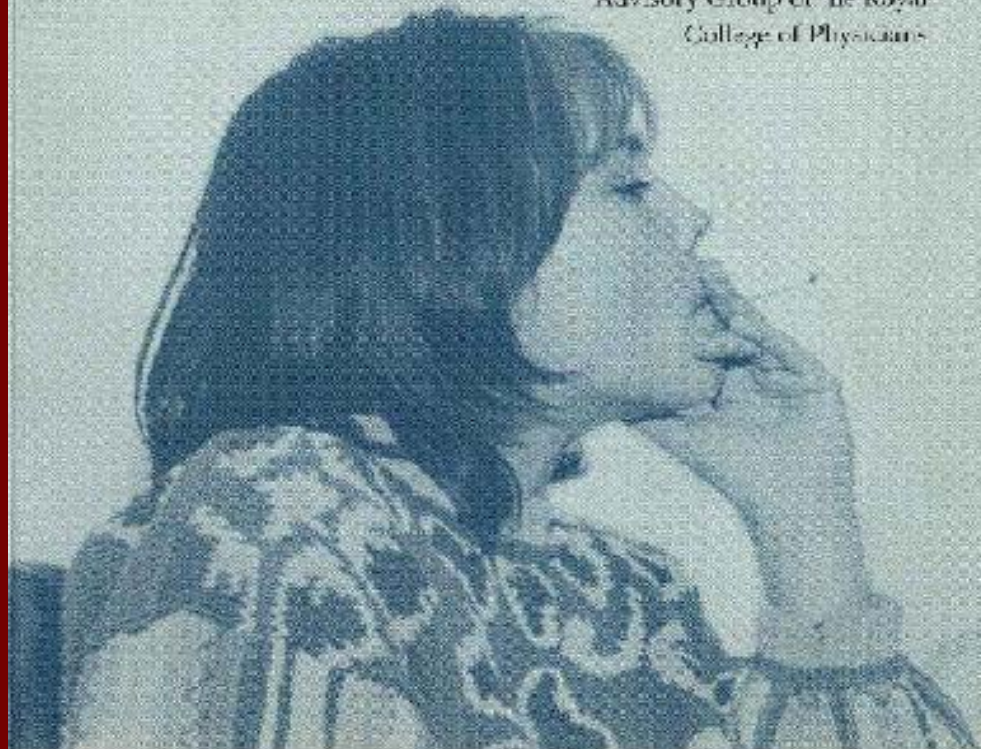
If one importing company is indicted, the others will be victimized. The smoking epidemic will be curbed.

Nicotine is Addictive

- The production and promotion of tobacco is more dangerous than all drugs of addiction combined. Nicotine is more addictive than cannabis (Hashish, marijuana) , phentyline, amphetamines and Qat. It is as addictive as heroin and cocaine.
- WHO report on smoking 1986, Royal college of physicians report on addiction, 2000.

NICOTINE ADDICTION IN BRITAIN

A report of the Tobacco
Advisory Group of the Royal
College of Physicians



Royal College of Physicians



- Tobacco companies entice school children to smoke.
- Children smoking cigarettes and sheesha in Saudi Arabia.
- Playing with Sheesha starts with toddlers.



www.nawafnet.ws قروب نواف بيك













Passive smoking and fetus

- Increase spontaneous abortion.
- Premature labor.
- Small for date.
- Still births and early neonatal deaths.
- Reduction of growth.
- Carboxy HB in newly born from sheesha smoking mother reaches 30%.

Passive smoking And children

- If both parents smoke ,each child inhales smoke equivalent to 60-150 cigarettes per year.
- Increase cot death.
- Serious respiratory disease
- Increase asthma
- Deafness of children (glue ear)
- Increase school absenteeism.

Children who smoke (U.K)

- By the age of 11 year $\frac{1}{3}$ of children have experimented with smoking.
- by age of 16 years $\frac{2}{3}$ have done so.
- $\frac{1}{4}$ of those aged 15 years are regular smokers.
- In many countries in the west girls exceed boys in smoking.





Children who smoke

- Marked increase of respiratory diseases, asthma and ENT diseases.
- Decrease of immunity and increase HIV infection.
- Decrease fertility for girls who smoke.
- 6 times increase of subarachnoid hemorrhage compared to non smokers.
- Prone for drug addiction.

Sheesha, Moassel and Gorak

- Sheesha: is tobacco in hubble-bubble water pipe.
- Moassel: is tobacco + molasses
- Gorak: is tobacco + rotten fruits

- Alcohols including ethyl alcohol are produced in the smoke.



www.rayig.com
www.m1000.com



High content of CO in Sheesha- Moessel & Gorak

- Carboxy HB cause increase cholesterol (LDL) , platelet aggregation, polycythemia, marked increase of strokes , coronary thrombosis and peripheral circulation.

Carboxy Hb in Saudi Arabia

	males	females
Non smokers	1.6%	0.6%
Cigarette smokers	6.47%	3.86%
sheesha	10.47%	7.86%

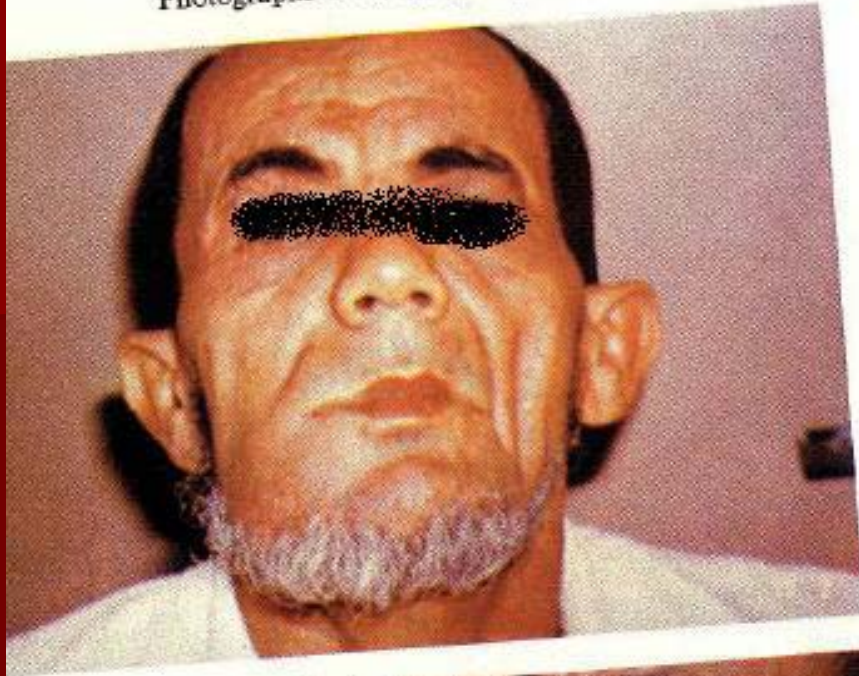
One sheesha is worse than 10
cigarettes /day

Smokeless Tobacco

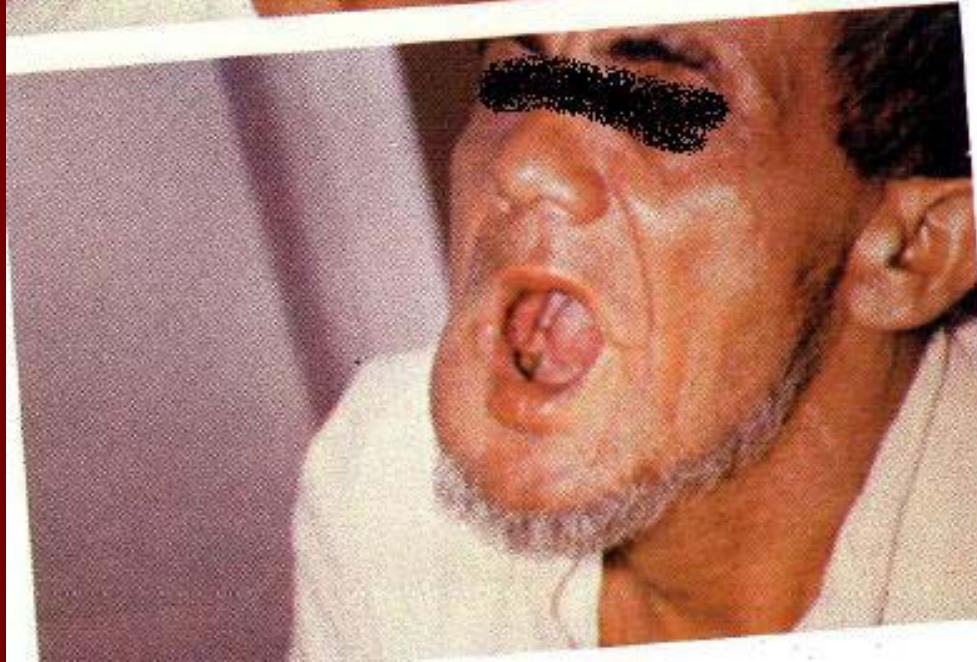
- Batelquid, bantú: nasal and oral snuff
- Sudan: Saffa, Shamma
- Saudi Arabia (Gizan) and Yemen: Shamma, Madgha
- Wide spread in USA (take a pouch instead of a puff)

Smokeless Tobacco & Cancer

- The increase of incidence compared to smokers:
 - Oral cancer 70%
 - Oropharynx 84%
 - Hypopharynx 75%
 - Larynx 78%
 - Esophagus 50%



1







Best policy to combat tobacco use

- Increase taxation and tobacco companies litigation.
- Stop smuggling
- Ban advertisement
- Ban smoking in public places and implement it
- Religious Fatwas
- Mass education at media, schools and hospitals

Smoking is HARAM

- More than 400 fatwa
- the 1st Fatwa by Sheikh Ibrahim Allakani (Sheikh AL Azhar) in 1015 H/ 1605 AD.
- All the Ulema of Saudi Arabia since 300 years
- All contemporary ulema of Egypt (ALazhar)

King James I 1604

- Tobacco smoking is loathsome to the eye, hateful to the nose , harmful to the brain, dangerous to the lung and in the black stinking fumes thereof , nearest resembling the horrible Stygian smoke of the pit that is bottomless

Millions quit smoking

- In USA: 34 millions (1964-1986)
- In UK: 10 millions (1964-1986)
- The figures doubled since then

Doctors taking the lead

- In UK
 - 1955: 55% smoke
 - 1970: 20%
 - 1990: 10%
 - 2000: 2%

In Saudi Arabia

- Before 1990: 40% of male doctors smoke
- After 1990: 30% of doctors smoke

Women smoking in Saudi Arabia

- Women were not smoking except in few cities
- Now 30% of secondary school student smoke
- 40% of university students smoke
- 40 % of school teachers smoke

The health professionals should
lead the fight against the most
dangerous yet preventable
health hazard

شكراً

والسلام عليكم ورحمة الله

وبركاته