

Public Hearing on the Preliminary Opinion SCENIHR - EUFO, April 12. 2016

Public Health Guidance - in a perspective view

Danish Sunbed Federation
www.solmedomtanke.dk

Henrik Marx

- ❖ President of DSF - Danish Sunbed Federation
- ❖ Member of S-561
Safety of appliances for household and similar
- ❖ Member of CEN/ TC 412
Professional indoor UV exposure services
- ❖ Member of MT-16 / Maintenance Team TC61 (UVr)

Danish Sunbed Federation

- ❖ The Danish Sunbed Federation (DSF) was established in 1999 as the representative and voice of the Danish indoor tanning society.
- ❖ Mission: Promoting responsible use of indoor tanning devices.

Public Health Guidance

Basal Cell Carcinoma

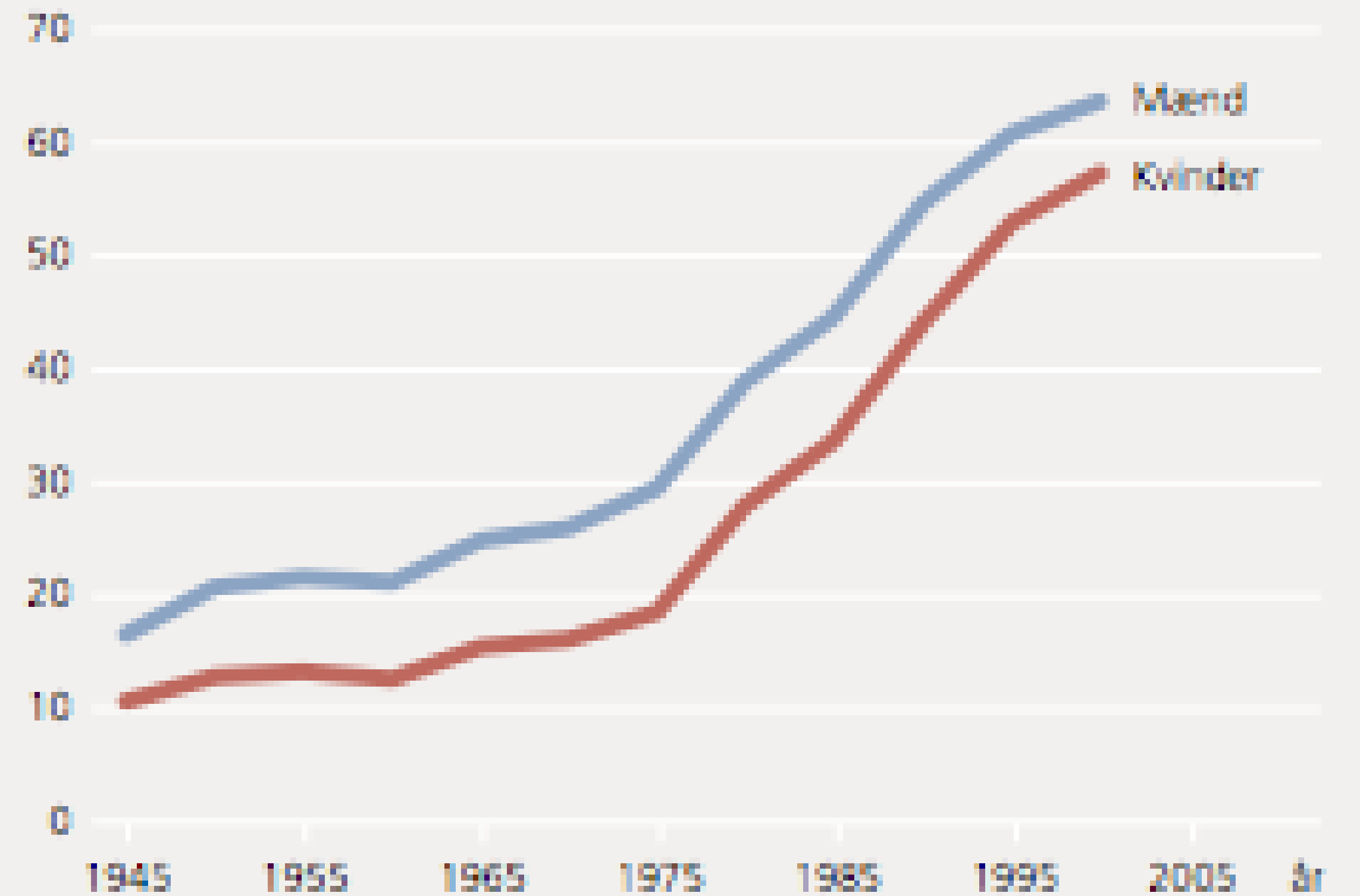
- Basal Cell Carcinoma : 11,600 incidents

(Danish Cancer Society mean value 2009-2013)

FOREKOMST 1943-2000 - HUDKRÆFT

Rate pr. 100.000

Aldersstandardiseret til verdensbefolkningen



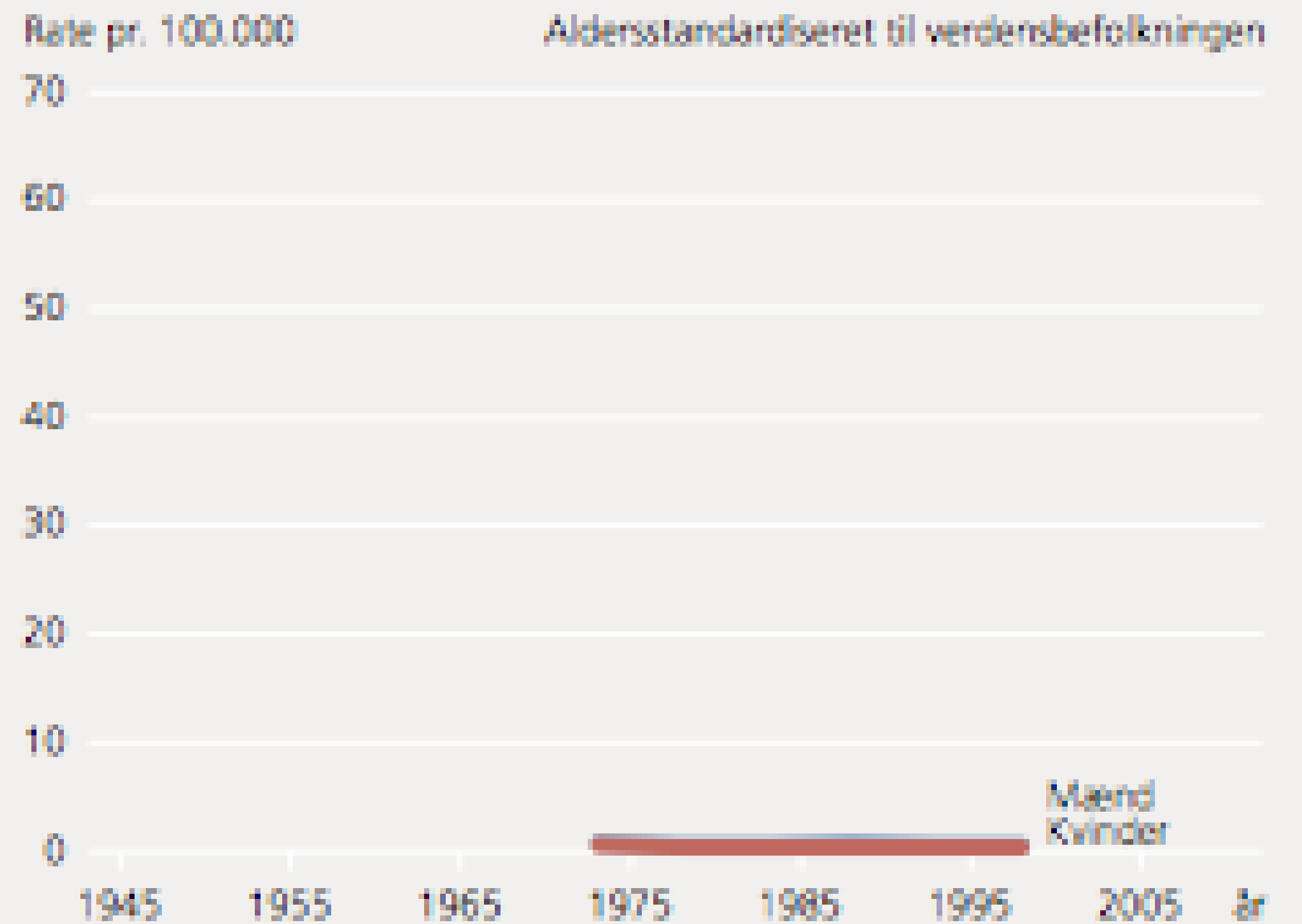
Science on UV and health

Basal Cell Carcinoma

- Basal Cell Carcinoma : 11,600 incidents
- **Mortality rate: 0**

(Danish Cancer Society mean value 2009-2013)

DØDELIGHED 1971-2000 · HUDKRÆFT



Science on UV and health

Basal Cell Carcinoma

- Basal Cell Carcinoma : 11,600 incidents
- Mortality rate: 0
- **Danes diagnosed with BCC lives longer**

(Danish Cancer Society mean value 1996-2000)

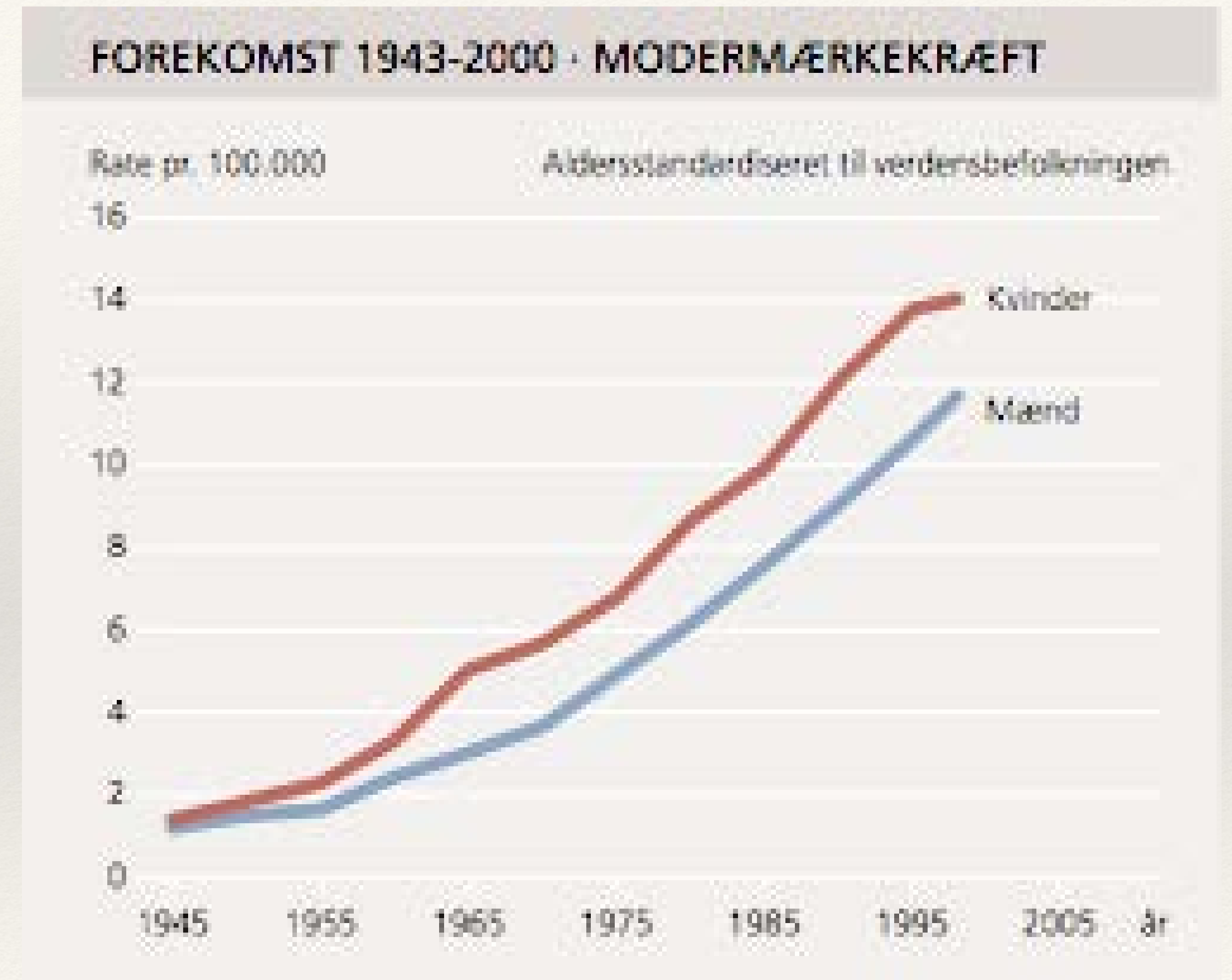
Overlevelse

observeret 1 år	96%	97%
relativ 1 år	101%	101%
observeret 5 år	79%	86%
relativ 5 år	104%	104%
observeret 10 år	60%	70%
relativ 10 år	109%	107%

Melanoma

- Melanoma : 2,000 incidents per year

(Danish Cancer Society mean value 2009-2013)



Science on UV and health

Melanoma

- Moles



(Danish Cancer Society causes of melanoma)

Science on UV and health

Melanoma

- Moles
- **Heredity**



(Danish Cancer Society causes of melanoma)

Science on UV and health

Melanoma

- Moles
- Heredity
- **Sunburns**

(Danish Cancer Society causes of melanoma)



Science on UV and health

Melanoma

- Moles
- Heredity
- **Sunburns**
 - **53%** gets a sunburn in the garden

(Danish Cancer Society “Danskernes Solvaner”)



Science on UV and health

Melanoma

- Moles
- Heredity
- **Sunburns**
 - 53% gets a sunburn in the garden
 - **39% at the beach**

(Danish Cancer Society “Danskernes Solvaner”)



Science on UV and health

Melanoma

- Moles
- Heredity
- **Sunburns**
 - 53% gets a sunburn in the garden
 - 39% at the beach
 - **Tanning beds = 2%****Lowest percentage of all causes!**

(Danish Cancer Society “Danskernes Solvaner”)



Science on UV and health

Melanoma

- Sunscreen increases the risk of sunburn

(Danish Cancer Society “Danskernes Solvaner”)



Melanoma

- Melanoma : 2,000 incidents per year
- **10 year relative survival: 79%**

(Danish Cancer Society mean value 1996-2000)

Overlevelse

observeret 1 år	96%	96%
relativ 1 år	98%	98%
observeret 5 år	71%	83%
relativ 5 år	81%	91%
observeret 10 år	52%	68%
relativ 10 år	73%	84%

Melanoma

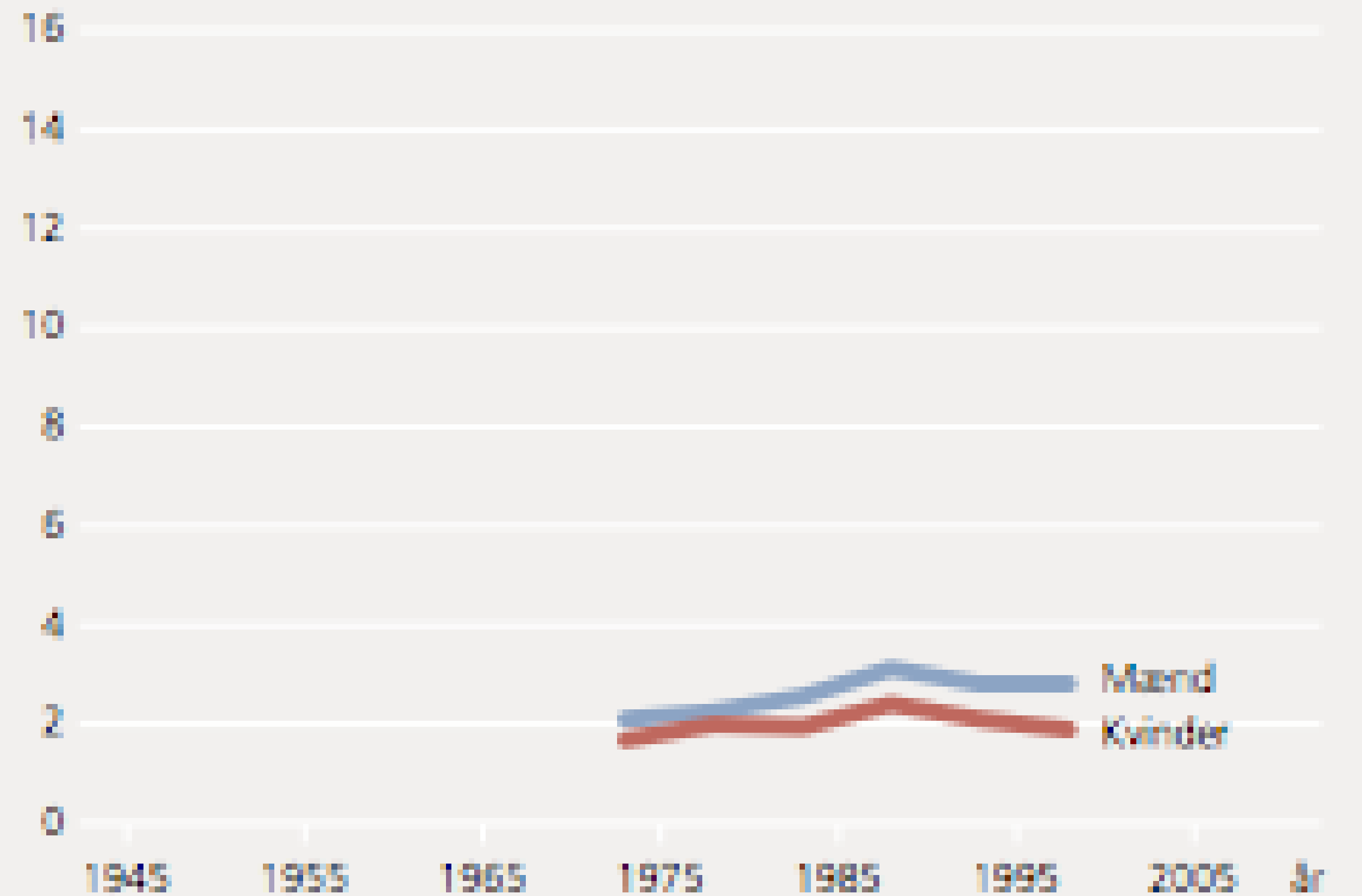
- Melanoma : 2,000 incidents per year
- 5 year relative survival: 79%
- **Mortality rate: 274**

(Danish Cancer Society mean value 2009-2013)

DØDELIGHED 1971-2000 · MODERMÆRKEKRÆFT

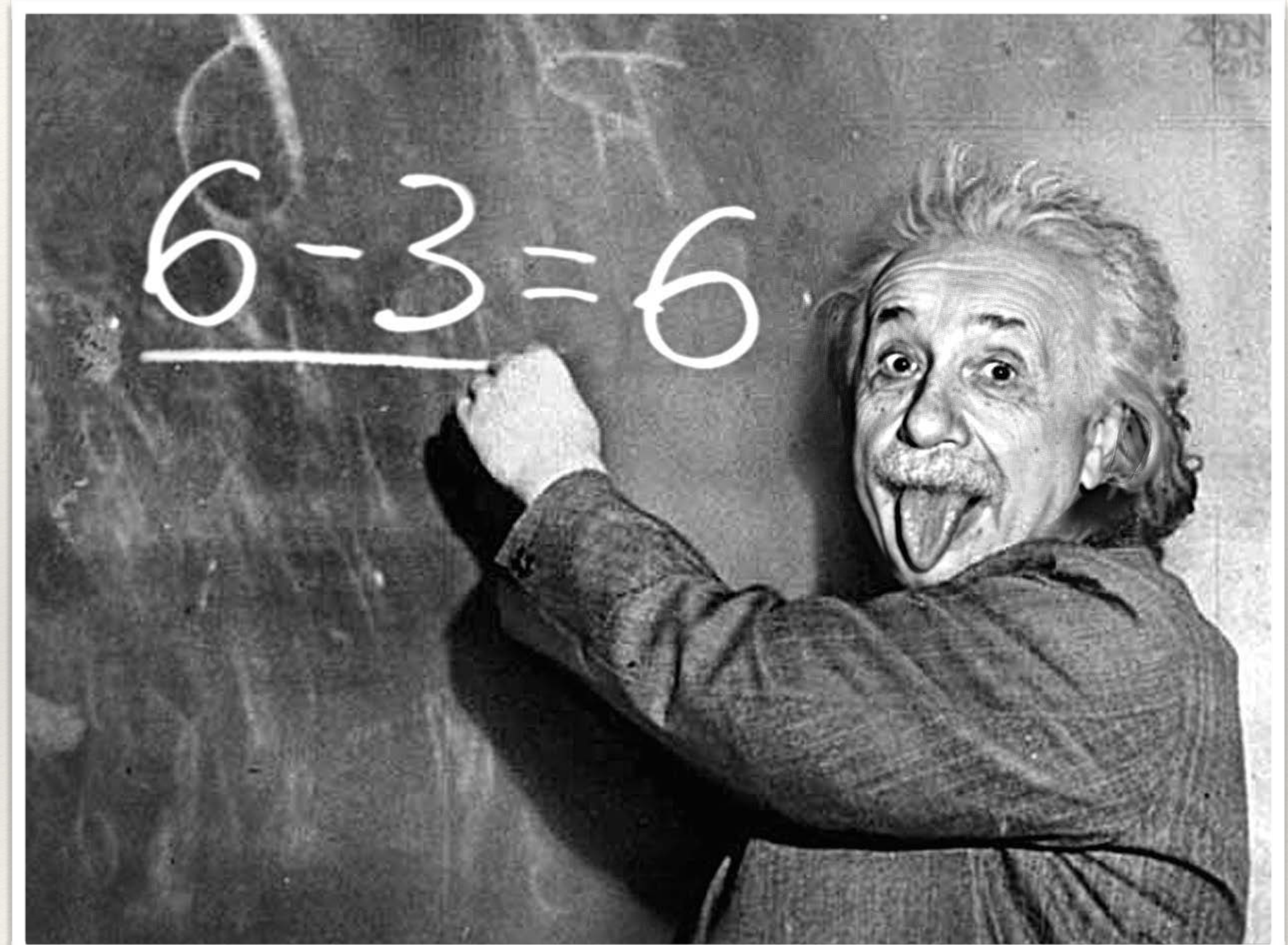
Rate pr. 100.000

Alderstandardiseret til verdensbefolkningen



Science on UV and health

**A medical
breakthrough?**



Science on UV and health

- or a midsummer
night's dream?



Science on UV and health

A manipulating fairy?

“The reason for the increase in
incidents is unknown”

Professor, dermatologist Robert Gniadecki



Science on UV and health

A manipulating fairy?

“The increase in melanoma incidents is not accompanied by increase in mortality and many scientists believe this reflects the **over diagnosis** of tumors with a relatively indolent progression”

Prof. R. Gniadecki, Ugeskrift for læger 04.2011



GUIDANCE (gīd'ns)

“Advice or information aimed at solving a problem or difficulty, especially as given by someone in authority”

Facts about alcohol

Alcohol

- 6.300 deaths related to alcohol each year



Facts about alcohol

Alcohol

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- **50% of all traffic accidents**



Facts about alcohol

Alcohol

- 6.300 deaths related to alcohol each year
- 50% of all traffic accidents
- **24% with a deadly outcome**



Facts about alcohol

Alcohol

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- 50% of all traffic accidents
- 24% with a deadly outcome
- **10.000 emergency room visitations**



Facts about alcohol

Alcohol

- 6.300 deaths related to alcohol each year
- 50% of all traffic accidents
- 24% with a deadly outcome
- 10.000 emergency room visitations
- **28.000 hospitalized**



Facts about alcohol

Alcohol

- 6.300 deaths related to alcohol each year
- 50% of all traffic accidents
- 24% with a deadly outcome
- 10.000 emergency room visitations
- 28.000 hospitalized
- **597 millions in public spending**



“Limit your consumption to
7/14 standard drinks”

The Danish Health Authority's Alcohol Campaign

Facts about nutrition

Nutrition

- 47% are overweight



Facts about nutrition

Nutrition

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- **13% are heavy overweight**



Facts about nutrition

Nutrition

- 47% are overweight
- 13% are heavy overweight
- **250.000 diagnosed with type-2 diabetes**



Facts about nutrition

Nutrition

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- 250.000 diagnosed with type-2 diabetes
- **20-60% raised risk of cancer**



Facts about nutrition

Nutrition

- 47% are overweight
- 13% are heavy overweight
- 250.000 diagnosed with type-2 diabetes
- 20-60% raised risk of cancer
- **Calculated cost of +14 billion per year**



“6 a day - eat more fruit and vegetables”

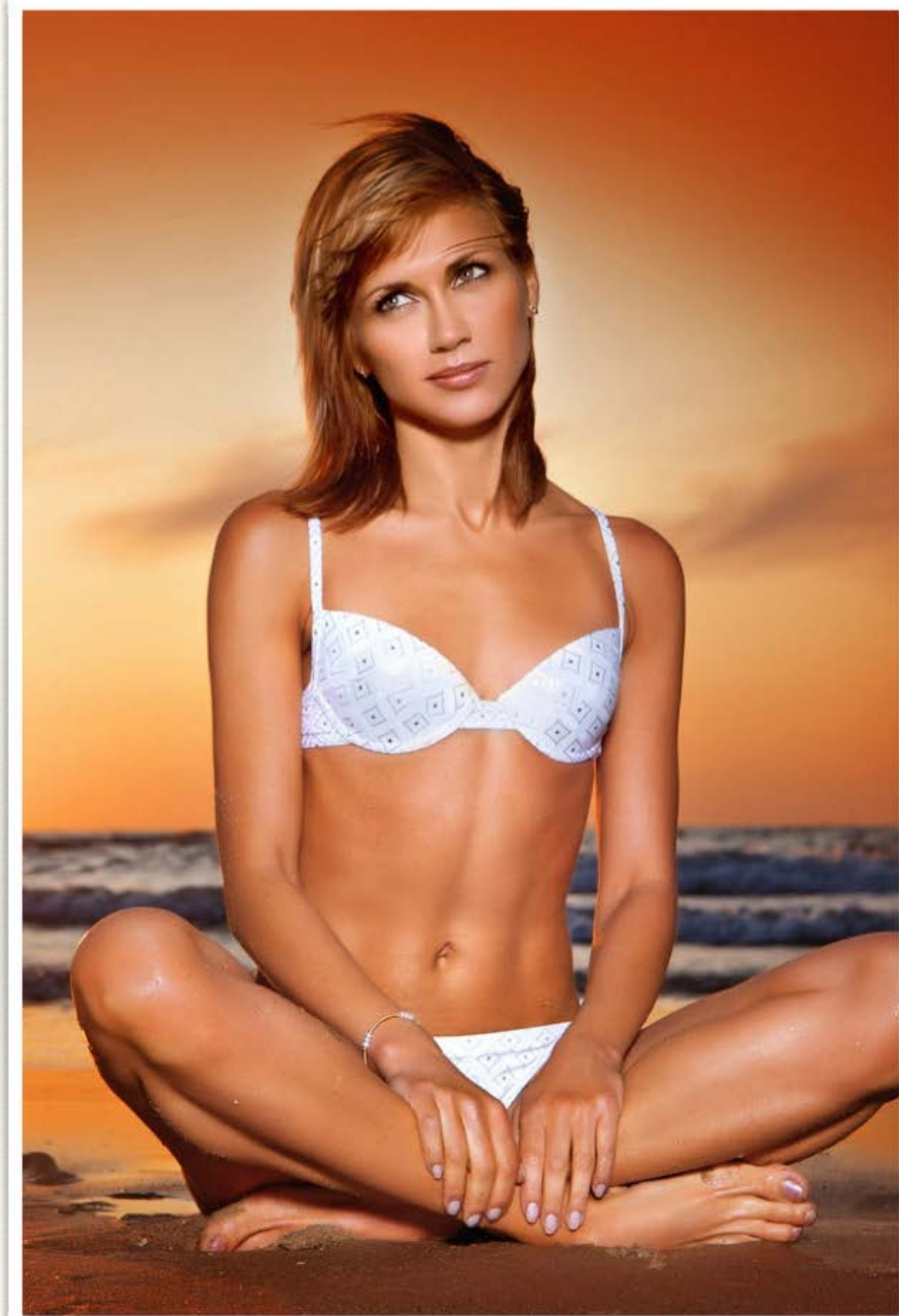
Public health campaign - Danish Veterinary and Food Administration



Science on UV and health

Sunbathing

*The activity of basking in the sunshine,
to get a suntan”*

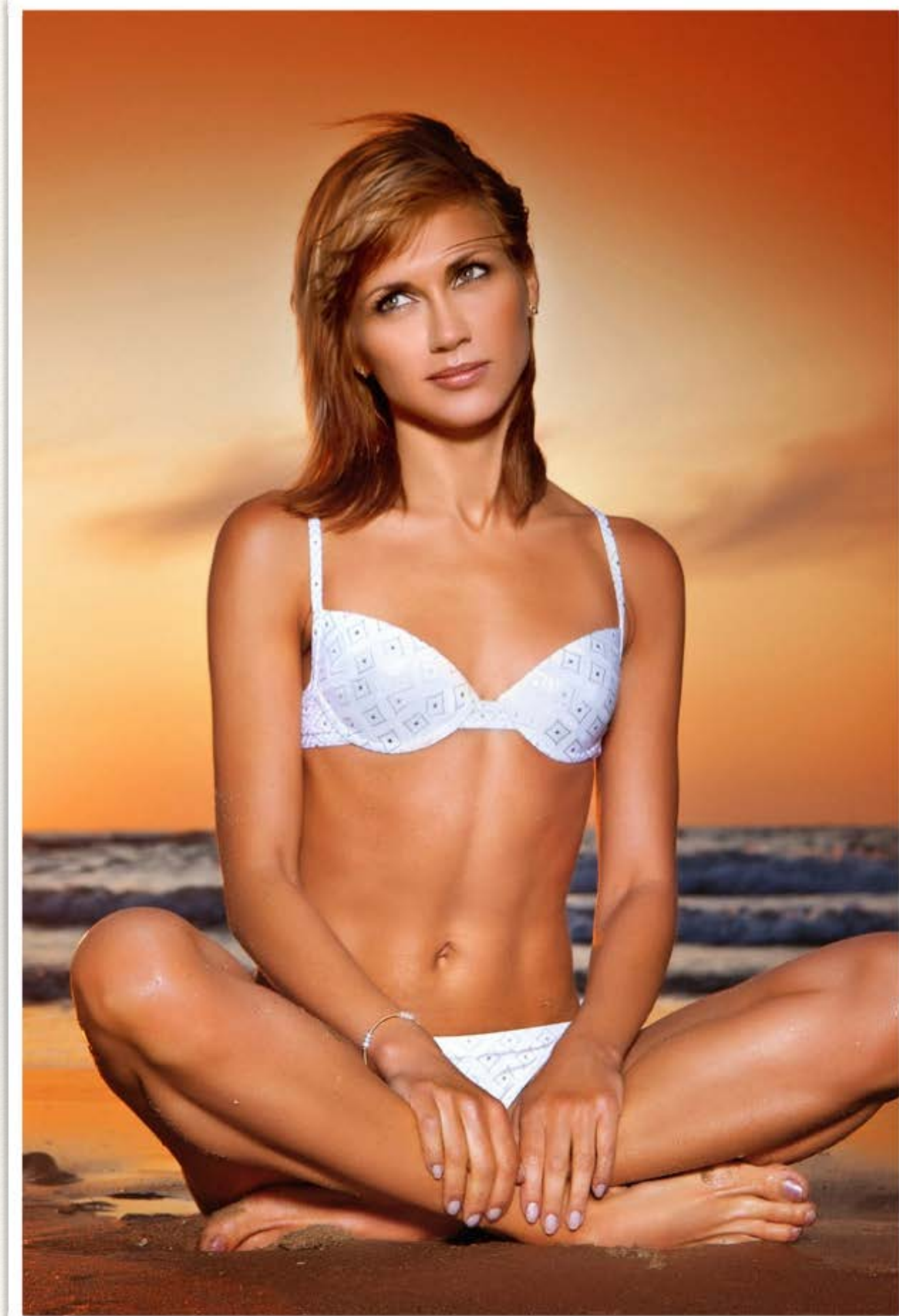


Science on UV and health

Sunbathing

- **Positive effect on bone health**

(Tangpricha et al., 2002)

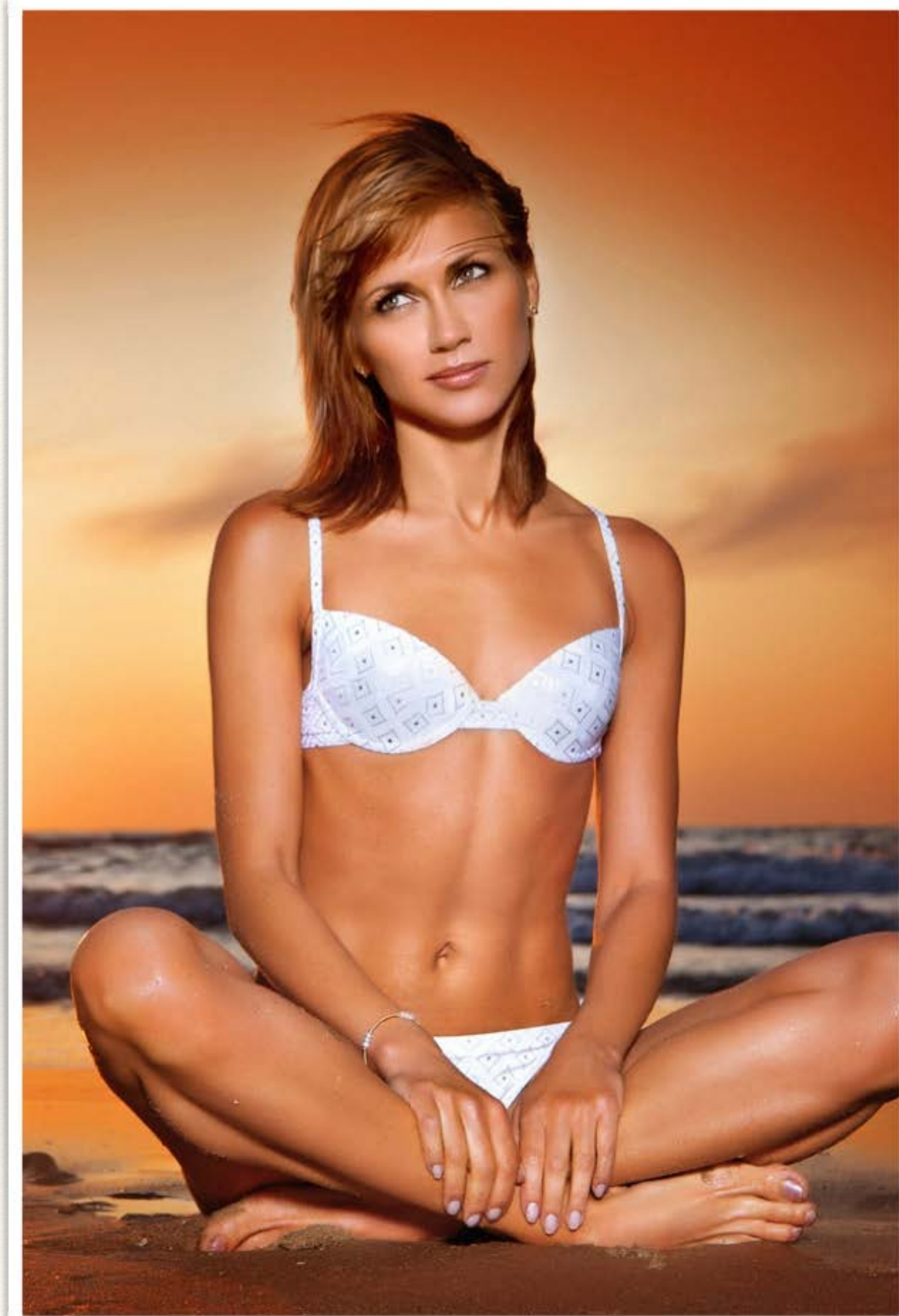


Science on UV and health

Sunbathing

- Positive effect on bone health
- **Lower risk of breast cancer**

(Yang et al., 2011)

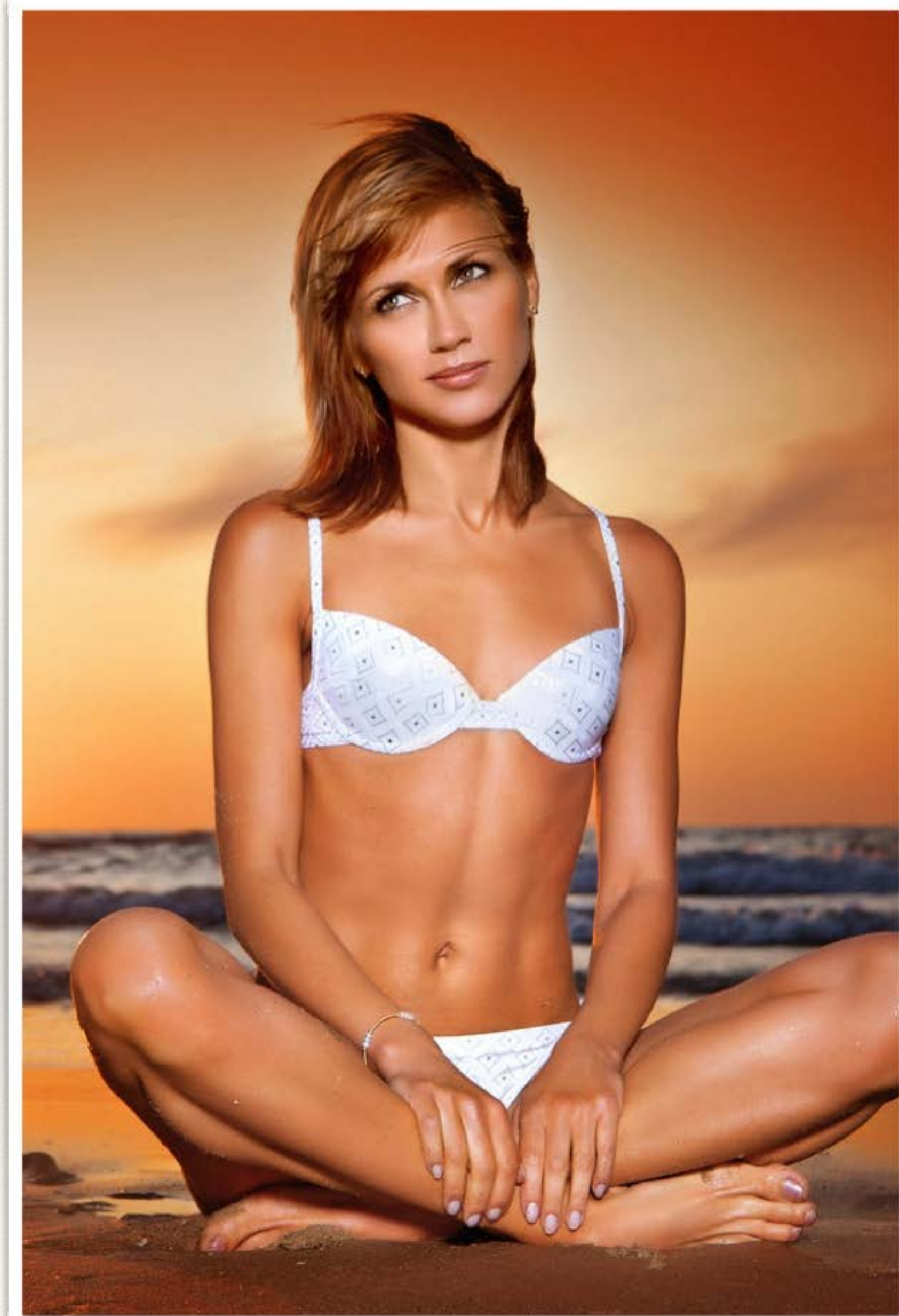


Science on UV and health

Sunbathing

- Positive effect on bone health
- Lower risk of breast cancer
- **Lower risk of ovarian cancer**

(Epstein et al., 2009)

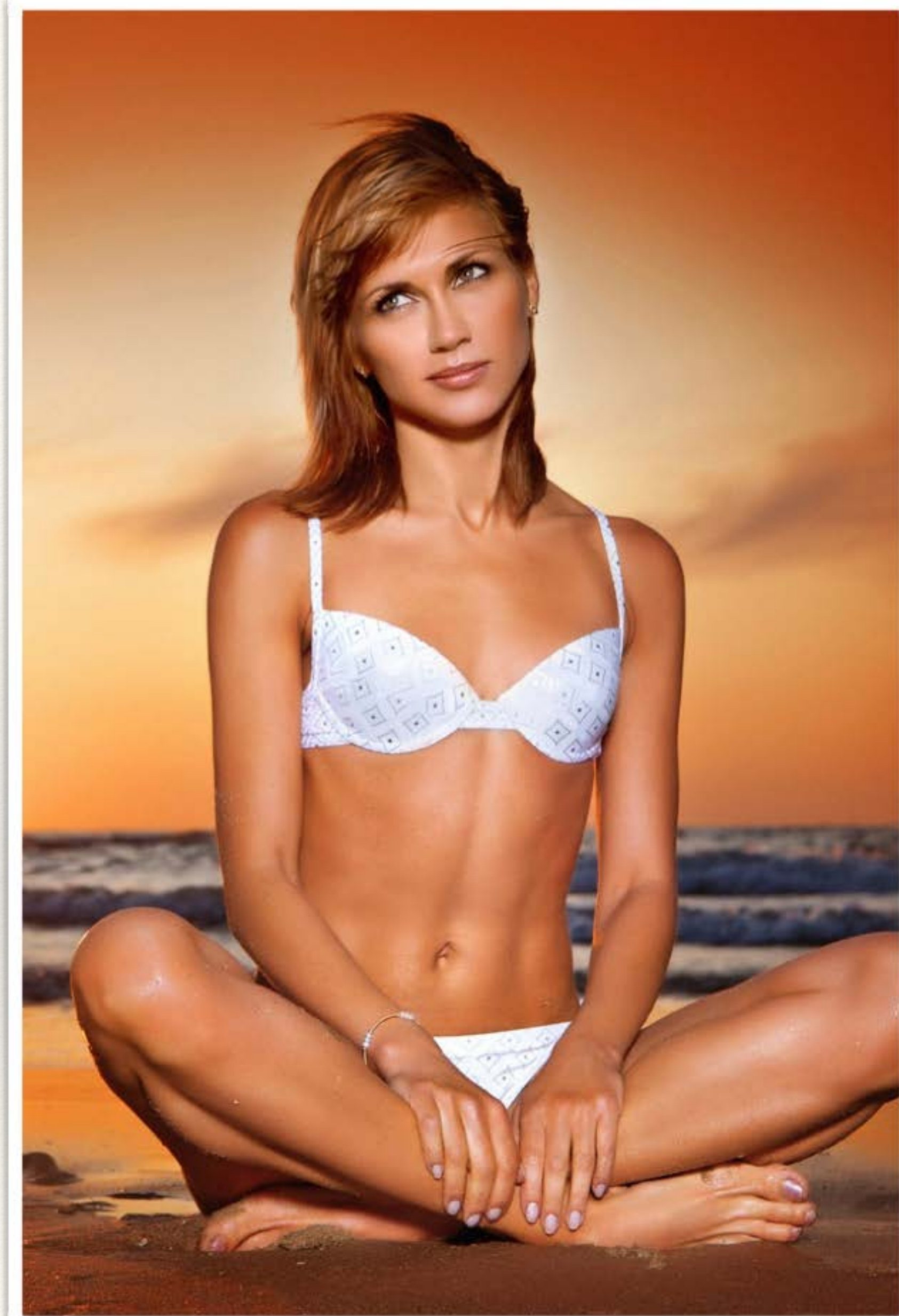


Science on UV and health

Sunbathing

Lowers the risk of stroke and heart attack

(Lindqvist et al., 2009)

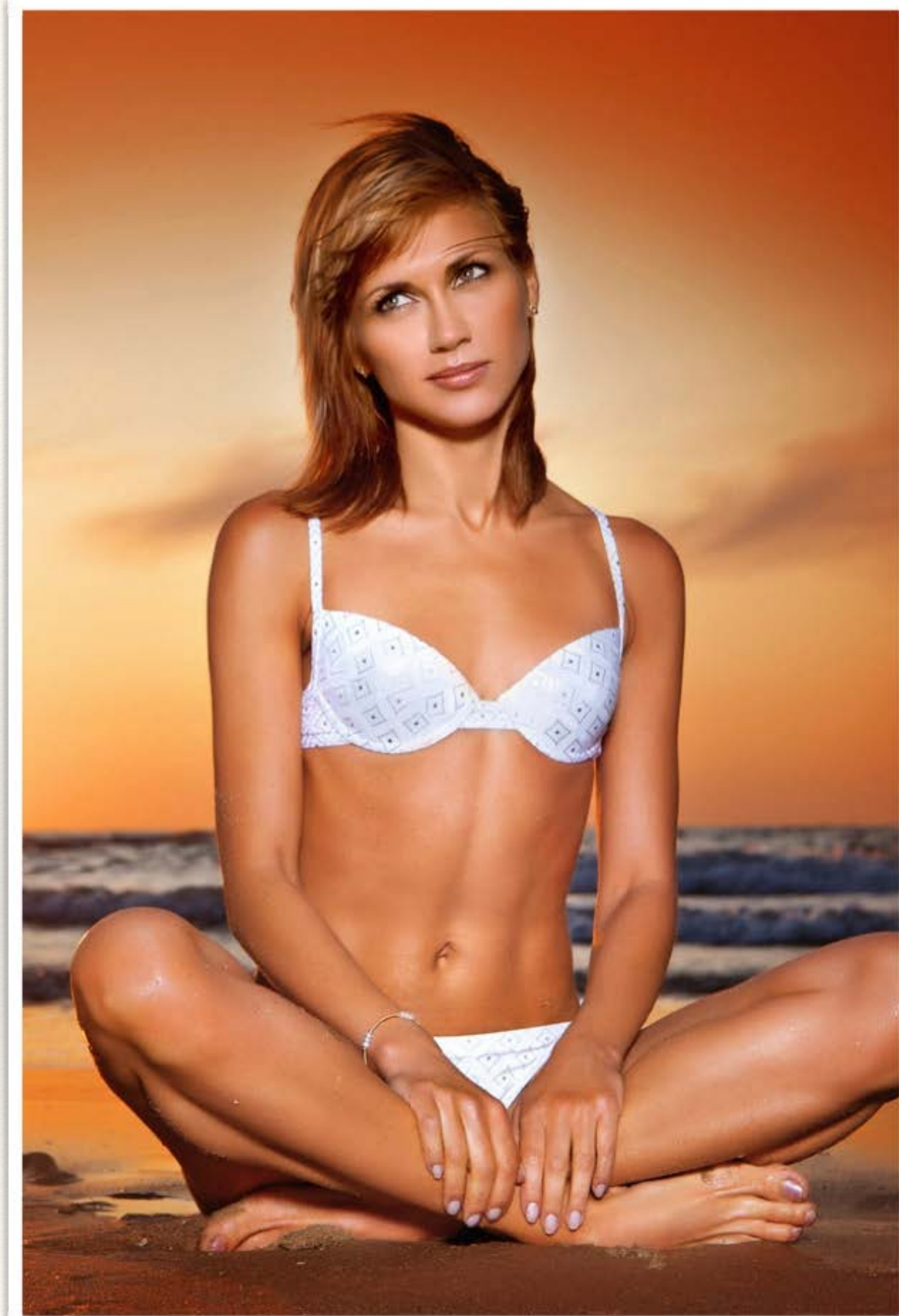


Science on UV and health

Sunbathing

“Sun worshippers are less likely to die from heart disease—or pretty much any other disease - In fact, *avoiding* the sun could be as bad for us as smoking”

(Medscape, March 23, 2016)



“The use of tanning beds
increases risk of cancer ”

The Danish Health Authority's tanning poster

Mandatory tanning poster

Guidance?

- No skin type guidance

Sundhedsstyrelsen fraråder brug af solarie Brug af solarie øger risikoen for kræft

Gå aldrig i solarie, hvis:

- du er under 18 år
- du ofte blev solskoldet som barn
- du eller din nærmeste familie har haft hudkræft
- du tager medicin, som gør huden lysfølsom
- din hud er lys eller fregnet
- du let eller altid bliver solskoldet
- du allerede er solskoldet
- du har mange modermærker eller misfarvede pletter

Hvis du alligevel går i solarie – så tag forholdsregler!

- Gå kun i solarie, hvis du sjældent eller aldrig bliver solskoldet.
- Brug beskyttelsesbriller og beskyt ar, tatoveringer, kønsdele og andre følsomme hudområder.
- Tag aldrig en dobbelttur i solariet.
- Brug ikke makeup eller bodylotion, der kan forstærke virkningen af solariet.
- Undlad at solbade udendørs samme dag, som du går i solarie.

Kontakt din læge, hvis:

- du er i tvivl om brugen af medicin, når du tager sol
- et modermærke forandrer sig eller begynder at klø, eller du oplever andre usædvanlige hudforandringer

Advarsel

Brug af solarie øger risikoen for modermærkekræft og almindelig hudkræft.

Brug af solarie kan også forårsage permanente skader på øjne og hud, og din hud kan ældes hurtigere.

Risikoen stiger, jo yngre du er, når du begynder at gå i solarie.

Jo oftere du går i solarie, jo større er risikoen.



Læs mere på:
www.sst.dk/solariebrug

Sundhedsstyrelsen

Mandatory tanning poster

Guidance?

- No skin type guidance
- **No exposure schedule**

Sundhedsstyrelsen fraråder brug af solarie Brug af solarie øger risikoen for kræft

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Sundhedsstyrelsen

Preconception or evidence ?

One final word...

Potatoes are unsafe

- Nearly all sick persons have been eating potatoes



Potatoes are unsafe

- Nearly all sick persons have been eating potatoes
- **Nearly all potato consumers born between 1920 and 1930 have wrinkled skin**



Potatoes are unsafe

- Nearly all sick persons have been eating potatoes
- Nearly all potato consumers born between 1920 and 1930 have wrinkled skin
- **All humans born in 1864 - who have been eating potatoes - are dead**

“The Anti-potato Society”



Maybe there is hope for the
future...