BUILDING THE CASE
FOR REPRODUCTIVE CHOICE

15th FIAPAC CONFERENCE 20-21 September 2024, Brussels, Belgium www.fiapac.org

How to deal with disinformation about hormonal contraception

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- 1. Hormone scare and the consequences
- 2. Why hormonal contraception
- Romanticisation of fertility: in search of paradise lost
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Biased scientific information: Correlation is not proof of causation

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Goal	Conclusions	reference		
assessed associations between HC use and suicide attempt and suicide	these little-recognized potential side effects of HC, health professionals and women starting hormonal contraceptives should be informed about them	Association of HC with Suicide attempts and suicides. Skovlund et al. Am J Psychiatry. 2018		
assessed associations between the use of HC and the risk of invasive breast cancer	Our data showed a higher risk of breast cancer with a longer duration of use of combined products we found that risks among women who used HC for less than 5 years rapidly decreased after discontinuation of hormonal contraception	Contemporary HC and the Risk of Breast Cancer. Mørch et al. N Engl J Med. 2017		
whether use of HC is positively associated with subsequent use of antidepressants and diagnosis of depression	Use of HC was associated with subsequent antidepressant use and first diagnosis of depression at a psychiatric hospital among women living in Denmark. Adolescents seemed more vulnerable to this risk than women 20 to 34 years old.	Association of HC Depression.Skovlund et al. JAMA Psychiatry. 2016		

"Assuming that the demonstrated associations are causal"

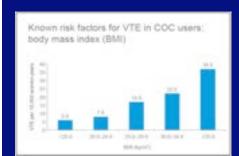
"First-time use of an LNG-IUS was positively associated with incident depression in an LNG-dose-dependent manner across low-, medium-, and high-dose LNG-IUSs. Although the observational design of the study does not permit causal inference"

"In women without psychiatric history, current HC use especially ethinylestradiol-containing preparations was associated with a lower risk of attempted suicide" "Current use of progestin-only preparations was not associated with attempted suicide."

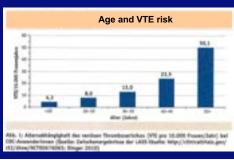
Toffol et al. 2024 Larsen et al. 2024

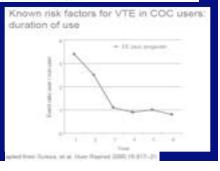
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Problems of the debate: Other risk factors ignored





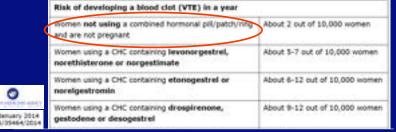




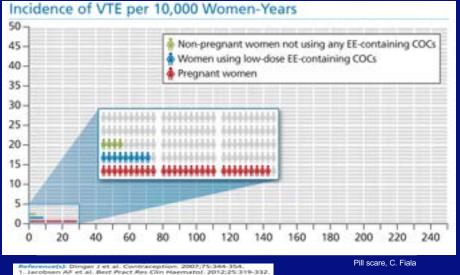
Problems of the debate: biased medical information

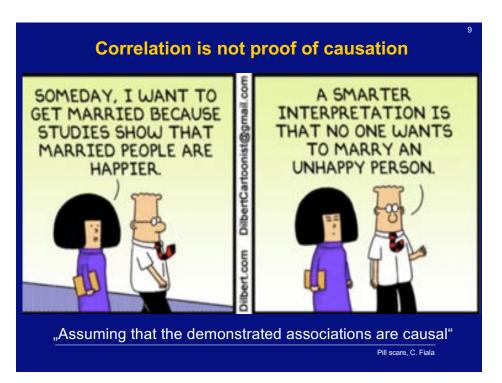
- 1. Comparator is virtual
- 2. Correlation is taken as proof for causation
- 3. Other risk factors ignored
- 4. Very low risk presented out of proportion
- 5. Consequences of unwanted pregnancies are ignored

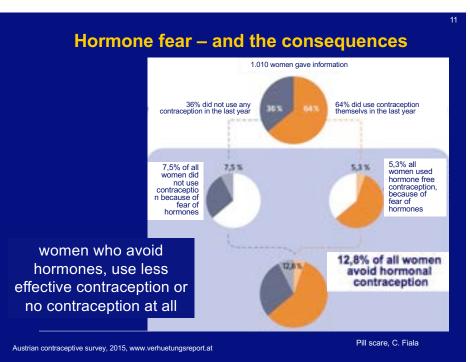
Product information updated to help women make informed decisions about their choice of contraception

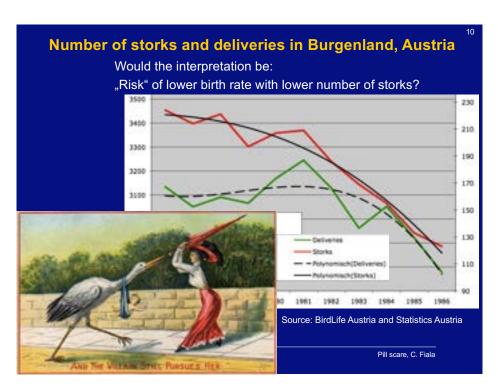


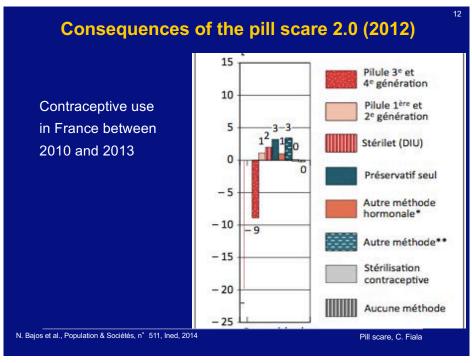














(COC) pills.





Estimated accidental pregnancies resulting from contraceptive failure worldwide

Table 1.1 Estimated number of women using a contraceptive method and those experiencing an unintended pregnancy during the first year of contraceptive use, by type of contraceptive method, global data, 2007

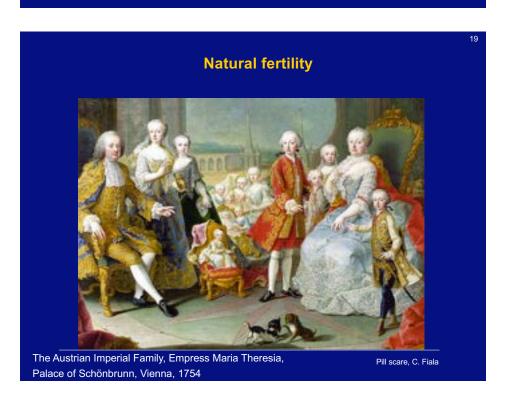
Contraceptive method	Estimated fail- ure rate (typical use), %*	Number of users, thousands ^a	Number of women with accidental pregnancy (typical use), thousands'
Female sterifization	0.5	232 564	1163
Male sterilization	0.15	32 078	48
Injectables	0.3	42 389	127
Intrauterine device (IUD)	0.8	162 680	1301
Pill	5.0	100 816	5041
Male condom	14	69 884	9784
Vaginal barrier	20	2291	458
Periodic abstinence	25	37 806	9452
Withdrawal	19	32 078	6095

Safe abortion: technical and policy guidance for healthsystems WHO, 2012

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"... in the whole human relation there is no slavery or torture so horrible as coerced, unwilling motherhood ..."

'Married Love' Marie Stopes, 1918, page 140





Many children died through an ,Angel Maker'

35 years fertility in a woman's life

"Natural"	Today	
12-15 pregnancies	1-2 pregnancies	
8-10 live deliveries	1-2 live deliveries	
7-8 surviving children	all children survive	
Breastfeeding 2 years	Breastfeeding 0-4 months	
160 ovulations in a lifetime	450 ovulations in a lifetime > Effective contraception needed for most	

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A vision

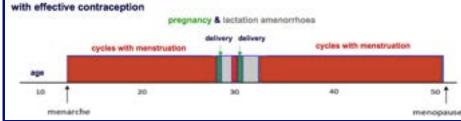
" It would be one of the greatest triumphs of humanity ... if the act responsible for procreation could be raised to the level of a voluntary and intentional behaviour in order to separate it from the imperative to satisfy a natural urge"

Siegmund Freud, 1898

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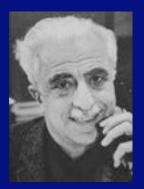
Result of effective hormonal contraception





New problem: Highly effective contraception needed for most of the 35 fertile years

Based on R. Short 1984 and 1997 Pill scare, C. Fiala First contraception - based on hormones = the language of the body





A dinner party beginning 1951 in New York is considered as the "birth" of the Anti-Baby-Pill. Margaret Sanger in her 70s and her incredibly rich friend Katharine McCormick, ask the scientist Gregory Pincus, how much money he would need to develop a method for women based on the findings of numerous scientists from the decades before.





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The long way of developing safe and effective IUDs



≈1900



Ernst

Gräfenberg









Silk rings Stainless steel ≈1900 rinas 1920

Jack Lippes

Plastic devices 1960

















1990

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60 years ago hormonal contraception was highly welcomed



"one of the greatest triumphs of humanity"

Siegmund Freud, 1898

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Effective contraception: the 2nd most important cultural achievement Total fertility rate, Central Western Europe 3.5 EU-25 LU NL BE DE 2.5 1.5 1960 1980 1970 1990 2000 Source: Europe's demographic future: Facts and figures Pill scare, C. Fiala on challenges and opportunities, European Commission,(2007)

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The Contraceptive Paradox

Today a human dream has come true:

We can effectively separate fertility and sexuality with an unprecedented high number of highly effective contraceptive methods. But the abortion rates remain stable or even increase in countries with reliable abortion statistics.

Why?



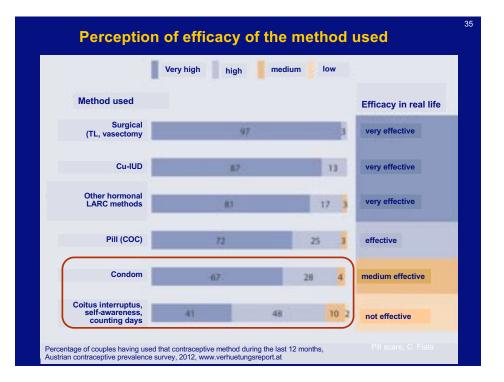
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Romanticisation of fertility: in search of paradise lost

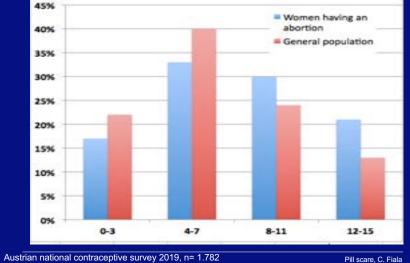
- 100 years after Sigmund Freud described the unimaginable despair caused by natural fertility
- 60 years after the discovery of effective (hormonal) contraception

Most have forgotten what 'natural fertility' means and that there is no such thing as "natural contraception"

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Estimate of the average number of pregnancies in a woman's lifetime without contraception 45% Women having an abortion



Survey among abortion patients Gynmed, 2017-8, n= 300

 ,Natural contraception is a fundamental contradiction going back to Hermann Knaus who declared having discovered:

"a natural yet arbitrary regulation of fertility"



- · Women need to decide:
 - either they control their fertility or
 - their fertility will control their life

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Paradigm shift in contraceptive counselling: A new problem demands a new solution

- Until the year 2 000 we needed to explain how to use contraception, women understood why they needed it
- Nowadays we have to explain why they need use effective contraception at every intercourse, women get the information about how to use them from their smart phone

A shift from "how" use contraception to "why" use it.

Paradigm shift in contraceptive counselling: A new problem demands a new solution

- The first generations of women after discovery of the Pill had experienced natural fertility. They still had the emotional experience.
- They knew that the desired number of children is the result of a continuous artificial intervention.
- The younger generation can not make that experience anymore.
- It is therefore on us, the adults to pass this perception to the younger generations with adequate pedagogic tools.

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Underlying misunderstanding of the pill scare

Hormones are the language of the body

'Hormone-free contraception' is refusing to use the way our organs communicate (lingua franca of the body).

'Hormone free contraception' is equivalent to:

- non-verbal communication between people: not very effective with increased risk of misunderstanding (side-effects)
- refusing to use the language spoken in a guest country

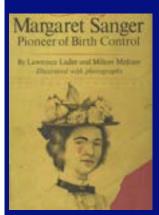
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How to overcome the pill scare

- Focus on individual self-perception instead of externally defined, ideologically based goals
- Switching the product in case of side-effects
- Consider non-contraceptive benefits: relief from PMS
- Explain long cycle: www.period-free.info
- Develop counselling strategies to correct misinformation and myths

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To Margaret Sanger, birth control was the first freedom for women. "No woman can call herself free until she can choose consciously whether she will or will not be a mother," she wrote.



We can make that vision a reality only if we use hormonal contraception up to it's full potential:

Children and menstruation by choice not chance

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