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| 1. | [HEALTH SCAN: SMOKING MAY CAUSE EARLY MENOPAUSE](#doc_id_1) Hindustan Times, December 20, 2015 Sunday, 136 words |

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| 2. | [Study: Passive smoking leads to infertility](#doc_id_2) Arab News, December 19, 2015 Saturday, 292 words |

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| 3. | [PASSIVE SMOKING CAUSES MENOPAUSE TO BEGIN EARLIER'](#doc_id_3) DAILY MAIL (London), December 16, 2015 Wednesday, 472 words, BY BEN SPENCER |

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| 4. | [Smoking link to an earlier menopause](#doc_id_4) Daily Mirror, December 16, 2015 Wednesday, NEWS; Pg. 28, 103 words |

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| 6. | [How NOT smoking could increase risk of infertility and early menopause](#doc_id_6) Express Online, December 16, 2015 Wednesday 1:22 PM GMT, 526 words, Becky Fletcher |

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| 7. | Smoking linked to earlier menopause and increased risk of infertility by new study; Smoking and living with heavy smokers brings on the change quicker before the age of 50 than non-smokers mirror.co.uk, December 15, 2015 Tuesday 11:58 PM GMT, 622 words, Becky Fletcher |

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| 8. | [Passive smoking 'causes menopause to begin earlier'](#doc_id_8) Scottish Daily Mail, December 16, 2015 Wednesday, FEATURES; Pg. 14, 475 words, Ben Spencer |

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Hindustan Times

**December** 20, 2015 Sunday

**HEALTH SCAN: SMOKING MAY CAUSE EARLY MENOPAUSE**

**LENGTH:** 136 words

**DATELINE:** New Delhi

New Delhi, Dec. 20 -- Active and passive **smoking** may cause **infertility** and early **menopause** in women before they turn 50. High tobacco exposure triggered **menopause** one to two years earlier in active and passive smokers than in non-smokers who had not been exposed to passive **smoking**, shows data from 93,000 women published online in the journal Tobacco Control. **Menopause** arrived almost 22 months earlier for those who had started **smoking** before their 15th birthday. Nonsmokers exposed to high levels of second-hand smoke were 18% more likely to have had **infertility** problems than women never exposed to passive **smoking**.

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**LOAD-DATE:** December 19, 2015

**LANGUAGE:** ENGLISH

**PUBLICATION-TYPE:** Newswire

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Arab News

**December** 19, 2015 Saturday

**Study: Passive smoking leads to infertility**

**LENGTH:** 292 words

ARAB NEWS

JEDDAH:

Passive **smoking** is associated with **infertility** and early **menopause** in women, according to a recent study.

The researchers said that compared to women who never smoked and those who were exposed only to a minimum level of passive **smoking**, the women who were exposed in a major way were more likely to not fall pregnant and to reach **menopause** before the age of 50, according to a report in a local publication.

According to Andrew Hyland from Roswell Park Cancer Institute, Buffalo, New York, the administrator of the study, the results of previous studies already found a link between **smoking** and reproductive health problems in women. "But very few such studies linked passive **smoking** with **infertility** and early **menopause**," said the study.

Hyland and his research team analyzed data from 88,732 women who participated in the study carried out between 1993 and 1998 when the women were between the ages of 50 and 79.

Based on the questionnaire, 15 percent of the participants who answered the questionnaire at the beginning of the study said they suffered **infertility** for at least one year, and about 40 percent said they suffered premature **menopause** before the age of 50.

In comparison with women who never smoked, researchers found that 14 percent of heavy smokers during one period of their lives were more likely to be infertile, while 26 percent said they suffered premature **menopause**.

Researchers found that heavy smokers suffered early **menopause** two years before those who never smoked. Eighteen percent of women who never smoked but were exposed to passive **smoking** were more likely to suffer **infertility** and premature **menopause**, the study found.

http://imgs.syndigate.info/7/9/90/145050491501.jpg

Study: Passive **smoking** leads to **infertility**

**LOAD-DATE:** December 21, 2015

**LANGUAGE:** ENGLISH

**PUBLICATION-TYPE:** Newspaper

**JOURNAL-CODE:** 9

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DAILY MAIL (London)

**December** 16, 2015 Wednesday

**PASSIVE SMOKING CAUSES MENOPAUSE TO BEGIN EARLIER'**

**BYLINE:** BY BEN SPENCER

**LENGTH:** 472 words

PASSIVE **smoking** can trigger the start of the **menopause** a year earlier, experts claim.

Women who have smoked are more likely to undergo early **menopause** and have fertility problems, according to a study.

But the risk also extends to women who have not smoked themselves but lived or worked with heavy smokers.

Experts at Roswell Park Cancer Institute in Buffalo, New York, found that current or former **smoking** was associated with a 14 per cent greater danger of **infertility** and a 26 per cent heightened risk of **menopause** before the age of 50.

The average age at the start of the **menopause** was significantly younger among smokers than it was for those who had both never smoked and never been around a lot of second-hand smoke.

For heavy smokers - defined as more than 30 cigarettes a day - the **menopause** arrived almost 22 months earlier among those who said they had started the habit before their 15th birthday. Among women who smoked at least 25 cigarettes a day, the **menopause** began an average of 18 months earlier.

Women exposed to second-hand smoke at the highest levels were 18 per cent more likely to have suffered fertility problems than women who had never been around heavy **smoking**.

And the highest level of passive **smoking** was associated with the onset of **menopause** 13 months earlier than for those never exposed to cigarettes. The researchers, writing in the journal Tobacco Control, found that the passive smokers most at risk were those who had lived for more than ten years with a smoker as a child.

Also particularly affected were women who had lived for more than 20 years with a **smoking** partner, or had worked alongside a heavy smoker for more than ten years. The researchers looked at **smoking** habits, fertility problems and **menopause** onset ages of 93,676 women who took part in the Women's Health Initiative Observational Study.

All had gone through the **menopause** and were aged between 50 and 79 when they were recruited to the project between 1993 and 1998.

Researcher Danielle Smith, of the department of health behaviour at Roswell Park, said: Our study demonstrates significant associations between lifetime tobacco exposure - by active **smoking** of current and former smokers and by independently studied second hand smoke exposure - and women's health issues of **infertility** and **menopause** occurring before the age of 50.

It is one of the first studies of this size and statistical power to investigate and quantify active and passive **smoking** and women's health issues.

It strengthens the current evidence that all women need to be protected from active and passive tobacco smoke.'

The toxins found in tobacco smoke are known to have a damaging effect on various aspects of reproduction, and to disrupt hormone production and activity. NHS advice says men who smoke risk damaging their sperm.

b.spencer@dailymail.co.uk

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**LOAD-DATE:** December 15, 2015

**LANGUAGE:** ENGLISH

**PUBLICATION-TYPE:** Papers

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Daily Mirror

**December** 16, 2015 Wednesday

Edition 1;

Ireland

**Smoking link to an earlier menopause**

**SECTION:** NEWS; Pg. 28

**LENGTH:** 103 words

**SMOKING** or living with a smokers can lead to the **menopause** starting almost two years earlier and increase the risk of **infertility.**

One in four smokers or those exposed to passive smoke were more likely to have the **menopause** before they were 50, a study found.

And one in seven also had more problems conceiving For 30-a-day cigarette smokers the **menopause** arrived almost 22 months earlier while for those inhaling second hand smoke it was 13 months.

Danielle Smith of the Roswell Park Cancer Institute in Buffalo, New York State said: "It shows that all women need to be protected from both active and passive tobacco smoke."

**LOAD-DATE:** December 16, 2015

**LANGUAGE:** ENGLISH

**PUBLICATION-TYPE:** Newspaper

**JOURNAL-CODE:** DMR

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Express Online

**December** 16, 2015 Wednesday 1:22 PM GMT

**How NOT smoking could increase risk of infertility and early menopause**

**BYLINE:** Becky Fletcher

**LENGTH:** 526 words

WOMEN are at high risk of **infertility** and an early **menopause** even if they DON'T smoke, frightening research has found.

PASSIVE **smoking** increases risk of **infertility** advises new study

Women exposed to first AND second hand smoke may be at greater risk of the conditions, with **infertility** rising by up to 18 per cent for women with the highest levels of passive **smoking**, according to a groundbreaking new study.

Although tobacco use has previous been associated with **infertility** issues and earlier **menopause**, this is one of the first studies to explore the effects of **smoking** AND passive **smoking** on women's fertility in greater detail.

Researchers analysed tobacco exposure of 93,676 women aged 50-79.

Both passive non-smokers and smokers are at risk of early **menopause**

The women were asked whether they has ever smoked and, if so, at what age, how many years they had smoked and how many cigarettes they had each day.

Women who had never smoked were asked to provide details about whether they had ever lived with a smoker, or exposed to tobacco smoke in the workplace.

Fertility data was then collected from the women and their partners, as well as information about natural **menopause**.

Worryingly, the study highlighted that women with the highest levels of passive **smoking** - living with a smoker in childhood for at least 10 years, working with a smoker for at least 10, or living with a partner who had smoked for 20+ years, meant a raised **infertility** risk of a huge 18 per cent.

Compared to non-smokers, the team found that the female smokers or ex-smokers were 14 per cent more likely to experience **infertility** issue and a quarter more likely to experience early **menopause**, before the age of 50.

The women who smoked the most - before the age of 15 - experienced **menopause** an average of 22 months before non-smokers, not exposed to passive **smoking**.

Women who smoked a minimum of 25 cigarettes daily had **menopause** 18 months before non-smokers.

They also discovered that those exposed to the most secondhand smoke experienced **menopause** over a year before they turned 50.

Women who smoked a minimum of 25 cigarettes daily had **menopause** 18 months before non-smokers.

Researchers took many other influential factors in to account, such as body mass index , physical exercise, exposure to insecticides, oral contraceptive use and age of starting their first period.

The authors said: "It is one of the first studies of this size and statistical power to investigate and quantify active and passive **smoking** and women's health issues. It strengthens the current evidence that all women need to be protected from active and passive tobacco smoke."

The findings have been published in Tobacco Control.

**LOAD-DATE:** December 16, 2015

**LANGUAGE:** ENGLISH

**PUBLICATION-TYPE:** Newspaper; Web Publication

**JOURNAL-CODE:** WEBDE

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mirror.co.uk

**December** 15, 2015 Tuesday 11:58 PM GMT

**Smoking** linked to earlier **menopause** and increased risk of **infertility** by new study;   
**Smoking** and living with heavy smokers brings on the change quicker before the age of 50 than non-smokers  
  
**BYLINE:** By Tony Whitfield  
  
**SECTION:** NEWS,UK NEWS  
  
**LENGTH:** 622 words

Being exposed to second-hand smoke causes the **menopause** to start up to two years earlier, a study has warned.

**Smoking** and living with heavy smokers brings on the change quicker before the age of 50 than non-smokers.

And one of the largest studies of its kind found an increased risk of **infertility**.

Current or former **smoking** was associated with a 14 per cent greater risk of **infertility** and a 26 per cent heightened risk of **menopause** before the age of 50.

The average age at the start of the **menopause** was significantly earlier among smokers than it was among those who have never smoked and who hadn't been exposed to second-hand smoke.

**Smoking** and **menopause**

For heavy smokers, defined as over 30 a day, the **menopause** arrived almost 22 months earlier for those who said they had started**smoking** before their 15th birthday and 18 months earlier among those who smoked at least 25 cigarettes a day.

Women exposed to second-hand smoke at the highest level - 10 or more years of living with a smoker as a child, 20 or more years of living with a **smoking** partner who smoked at home, and 10 or more years working with a smoker - were 18 per cent more likely to have had **infertility** problems than women who had never been exposed to passive **smoking**.

The highest level of passive smoke exposure was associated with the arrival of **menopause** 13 months earlier than those never exposed to it.

**Smoking** and **menopause**

Danielle Smith, of the Department of Health Behavior at Roswell Park Cancer Institute in the US, said: "Our study demonstrates significant associations between lifetime tobacco exposure - by active **smoking** of current and former smokers and by independently studied secondhand smoke exposure - and women's health issues of **infertility** and **menopause** occurring before the age of 50 years.

"It is one of the first studies of this size and statistical power to investigate and quantify active and passive **smoking** and women's health issues.

"It strengthens the current evidence that all women need to be protected from active and passive tobacco smoke."

The Harmful Effects of **Smoking**

The study was based on lifetime **smoking** habits, fertility problems, and age at natural **menopause** of 93,676 women taking part in the Women's Health Initiative Observational Study.

All had gone through the **menopause** and were aged between 50 and 79 when they were recruited to the study between 1993 and 1998.

Details of tobacco exposure and fertility including that of the partner were available for 88,732 women.

And 79,690 had had a natural **menopause**.

Although the clinical significance of earlier **menopause** was not clear other studies have linked earlier **menopause** to a heightened risk of death from any cause.

And there are plausible biological explanations for the results as the toxins found in tobacco smoke are known to have various deleterious effects on many aspects of reproduction and to disrupt hormone production and activity.

Ms Smith added: "Our findings support the association between active **smoking** and **infertility**.

"The suggestive dose-response relationship between heavier **smoking** and **infertility** found in our analysis are similar to measures of association found in another large prospective cohort study.

"Associations between secondhand smoke and **infertility** have been studied since the 1980's with mixed results, perhaps due to small sample sizes and/or methodological limitations.

"Using data from a large prospective cohort, our study adds to the evidence base by demonstrating significant associations between the highest secondhand smoke exposure during reproductive life and delayed conception."

The study was published in the journal Tobacco Control.

Are you exposed to **smoking**?

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Scottish Daily Mail

**December** 16, 2015 Wednesday

Edition 1;

Scotland

**Passive smoking 'causes menopause to begin earlier'**

**BYLINE:** Ben Spencer

**SECTION:** FEATURES; Pg. 14

**LENGTH:** 475 words

PASSIVE **smoking** can trigger the start of the **menopause** a year earlier, experts claim.

Women who have smoked are more likely to undergo early **menopause** and have fertility problems, according to a study.

But the risk also extends to women who have not smoked themselves but lived or worked with heavy smokers.

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'It is one of the first studies of this size and statistical power to investigate and quantify active and passive **smoking** and women's health issues.

'It strengthens the current evidence that all women need to be protected from active and passive tobacco smoke.' The toxins found in tobacco smoke are known to have a damaging effect on various aspects of reproduction, and to disrupt hormone production and activity. NHS advice says men who smoke risk damaging their sperm.

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'Women need to be protected'

**LOAD-DATE:** December 16, 2015

**LANGUAGE:** ENGLISH

**PUBLICATION-TYPE:** Newspaper

**JOURNAL-CODE:** DMLscot

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