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*Reproduction, Fertility and Development*

### **Supplementary Material**

#### **Effect of paternal smoking on pre-implantation embryonic development: a prospective cohort study**

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**Supplementary Table 1. Inclusion questionnaire**

<b>Anonymisation number:</b>	<b>Date:</b>
<b>Date of birth:</b>	
<b>Height (cm):</b>	
<b>Weight (kg):</b>	
<b>Living place:</b>	
Urban	
Country	
<b>Profession:</b>	
<b>Professional exposure: (If superior to three months)</b>	
Yes	
No	
<b>If yes:</b>	
Chemicals (pesticides, detergents, ...):	
Heat:	
Heavy metals (lead, cadmium, ...):	
Fumes/smokes:	
Radiations:	
<b>Medical treatments (name of the drug + indication):</b>	
<b>Health problems in the last 3 months: (fever, surgical procedure, ...)</b>	

<b>If yes, specify if a treatment was introduced:</b>	
<b>Vitamins/nutritional supplement intake:</b>	
Yes	
No	
<b>If yes, specify the dose and duration:</b>	
<b>Smoking status:</b>	
Non-smoker	
Former smoker	
Active smoker	
<b>If active smoker or former smoker, specify the mean number of cigarettes a day:</b>	
<b>If active smoker or former smoker, specify the duration (years):</b>	
<b>If former smoker, how long ago did you stop smoking:</b>	
<b>Do you use an e-cigarette?</b>	
Yes	
No	
<b>If yes: specify the nicotine concentration:</b>	
<b>If yes: specify the volume of e-liquid you use a day:</b>	
<b>If yes: what is the base composition of the e-liquid you use? (PG/VG)</b>	
<b>Do you smoke cannabis?</b>	

<b>If yes, how often?</b>	
<b>How often do you drink alcohol?</b>	
<b>Partner smoking status</b>	
Non-smoker	
Former smoker	
Active smoker	
Use of e-cigarette	
<b>If use of e-cigarette: specify the nicotine concentration:</b>	
<b>If use of e-cigarette: specify the volume of e-liquid you use a day:</b>	

**Supplementary Figure 1: Dose-effect comparison on the primary outcome.**

Top embryo proportion according to the number of pack-year smokers (A) and former-smokers (B). Top embryo proportion according to the number of cigarettes smoked per day in smokers (C) and former smokers (D). Points are the medians and lines are the interquartile ranges.

