

Interview Schedule for the Idiopathic Pulmonary Fibrosis Job Exposure Study (IPF JES)

1 Introduction

Hello, my name is **name of researcher**. I am a doctor/nurse/research assistant calling as part of the IPF Job Exposure Study. Is this **name of participant**?

I would like to ask you some questions about the jobs you have had, where you have lived, and smoking. I would also like to record this call for our research if that's ok with you.

Your answers will help us to understand the causes of IPF, make sure people get the right treatment, and ensure that controls of exposures at work are right so that we protect workers and prevent disease in the future.

The interview should take about 30 minutes. Is now a good time to talk?

2 Occupational history

I want you to think about all of the jobs you've had. I know this can be hard, we'll try one at a time.

Do you remember the first job that you had after school?

1. What was the name of your job? (we record SOC2000 job title and map SOC90)
2. What did you do in this job? (we record free text but also have a drop down of activities associated with asbestos exposure)
3. What was the name of the company (if applicable)? (we record name and SIC code, we possibly link to open corporates company house record)
4. What did the company make (if applicable)? (we record free text but also have a drop down of asbestos containing products)
5. In what sort of working area did you spend most of your time? e.g Office, In the Open, Workshop, Construction Site, Factory (Light Industry), Heavy Industry (eg. Power Station), Hospital, School/University, Warehouse, On Location, various buildings, Shop, At Home, Ship/Ship yard, Other (specify)
6. Did you work full time? (if not specify average hours per week)
7. Did you work all year round (if not specify months of the year)
8. Do you remember how old you were or what year you started the job?
9. Do you remember how old you were or what year you finished the job?
10. Do you remember what job you had next?

(1 through 10 repeats until lifetime occupational history is complete. Standard occupational classification is used to code occupations)

Any reported contact with asbestos or 'trigger' products (HSE list), industries (construction, factory work, power station work, other heavy industry, ships or ship yards), jobs (see Table 1), and job processes prompts an asbestos exposure history (see later) to be taken.

| SOC90 | Occupation | PMR |
|-------|--|--------|
| 541 | Coach & vehicle body builders | 528.18 |
| 534 | Metal plate workers, shipwrights, riveters | 416.64 |
| 532 | Plumbers, heating & ventilating engineers | 388.67 |
| 570 | Carpenters & joiners | 382.34 |
| 896 | Construction & related operatives | 359.23 |
| 311 | Building inspectors | 317.83 |
| 520 | Production fitters (electrical/electronic) | 300.15 |
| 521 | Electricians, electrical maintenance fitters | 264.12 |
| 893 | Electrical, energy, boiler & related | 252.09 |
| 533 | Sheet metal workers | 245.71 |
| 301 | Engineering technicians | 232.22 |
| 506 | Floorers, floor coverers, carpet fitters | 232.05 |
| 913 | Mates to metal/electrical & related fitters | 230.89 |
| 211 | Mechanical engineers | 217.44 |
| 571 | Cabinet makers | 215.36 |

Table 1: Standard Occupational Classification 1990 code, Occupation, and Mesothelioma Proportional Mortality Ratio (PMR) for the top 15 significant (95% CI does not include 100) PMRs. HSE data.

3 Residential history

I'm going to ask you about places that you've lived now. I know it might be difficult to remember, don't worry.

1. What country were you born in?
2. What place were you born in?
3. Do you remember the places you lived when you were growing up? (until you finished school)
4. Where did you live at first?
5. How long did you live there for? (record year moved in and out if recalls else just duration)
6. Then where did you live?

4 Cohabitation history

I'm going to ask you about people who have lived with you now. I'm specifically interested in people that lived at home with you who went out to work.

1. When you were growing up did anyone who went out to work live at home with you?
2. What was the name of the person?
3. How long did they live with you?
4. Do you remember what their job was?

5 Smoking history

1. Have you ever smoked?
2. How old were you, or when, did you when you start smoking?
3. Do you still smoke?
4. How old were you, or when, did you stop smoking?
5. How many, on average, a day do you/did you smoke?
6. What do you/did you smoke?

6 mMRC dyspnoea questions

I would like to ask you some questions about being short of breath.

Are you:

1. Not troubled by breathless except on strenuous exercise?
2. Short of breath when hurrying on a level or when walking up a slight hill?

Are you someone who:

3. Walks slower than most people on the level, stops after a mile or so, or stops after 15 minutes walking at own pace?
4. Stops for breath after walking about 100 yds or after a few minutes on level ground?

Are you:

5. Too breathless to leave the house, or breathless when dressing/undressing?

7 Drug and medical history

1. Have you ever taken any heart medications such as amiodarone or flecainade, antibiotics such as nitrofurantoin, or immunosuppressants and chemotherapy drugs such as, azathioprine, gefitinib, ifosfamide, melphalan, and rituximab?
2. Do you have any other serious illnesses?

8 Family history

1. Does anyone in your family have scarring of their lungs (or pulmonary fibrosis)?
2. If yes, who?

9 Asbestos exposure history

1. Did you, or anyone close to you, ever work with or disturb material you suspected to be made from asbestos? This might include materials such as asbestos lagging, asbestos sprayed coatings, AIB(asbestos insulation board - e.g asbesolux, marinite, shipboard, LDR, turnasbestos etc) or corrugated roofing? (Yes, record what using free text, which job(s) associated with and John Cherrie item/No/Not known)
2. What was done with it? (free text and John Cherrie item)
3. How long did the task take and how often did you do it? (Record % work time on task)
4. Where was the task completed? (free text and drop down e.g inside small room, inside large room, outside)
5. Did you wear a mask? (free text and drop down)

10 (for cases only) how were you diagnosed

1. What took you to the doctor at the beginning of the illness? (e.g cough, breathlessness, incidental finding, other)

11 Ethnicity

For the blood test that we have taken it would be helpful for us to know what ethnicity you are.

To which of the following ethnic groups do you consider you belong?

1. White
2. Black or Black British
3. Mixed
4. Chinese
5. Asian or Asian British
6. Other ethnic group (please specify)

12 Thank-you and updates

Thank-you very much for participating today. Is there anything you'd like to ask us? Would you like to be kept updated on the study? How would you prefer to be updated? (Post or email, capture email if prefers email).