Pregnancy and work: risks for the unborn child, recommendations for improving the protection of pregnant women at work

G. Abadia, D. Lafon

30th ICOH Congress, Cancun, March 2012

Pregnant women at work: job-specific hazards

- Reprotoxic chemicals (cytostatics, anaesthetics, etc.)
- Infectious agents
- Ionising radiation
- Physical activities (carrying loads, etc.)
- Noise
- Night work
- Etc.

Is the unborn child sufficiently protected? Which prevention measures should be implemented?

Pregnancy: a waiting period and the risks that go with it

- In the vast majority of cases, the child is born healthy.
- But there may be negative outcomes:
  - Extrauterine pregnancy
  - Spontaneous abortion
  - Fetal death
  - Congenital deformity
  - Intrauterine growth retardation
  - Premature births
- Frequent work absences

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An “Experts’ Opinion” coordinated by INRS

- “Pregnancy and work: the risks for the unborn child”
- A review of knowledge on occupational risks: literature analysis
- Recommendations

Why an “Experts’ Opinion”? 

- Frequent requests for information about exposure risks during pregnancy
- Numerous emergency situations
- Lack of stable scientific data to respond to requests
- The social importance of the issue
- How to respond?
  - Should the precautionary principle be applied if the data is not dependable?

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Bibliographical study

- by risk: chemical risks, physical activity, ionising radiation, electromagnetic fields, noise, vibration, thermal constraints, organisational factors, biological risks
- by profession: health sector jobs, work involving contact with animals, laboratory personnel, early childhood jobs, agricultural activities, etc.

Proven risks or risks discussed in epidemiological studies

But manageable risks
Before recommendations are issued, five general principles must be followed:

- The need to protect the unborn child
- Non-discrimination against women in the labour market
- Priority to the improvement of work stations rather than suspending pregnant workers
- Taking precariousness into account
- Focusing prevention actions on micro enterprises and SMEs

And proposals for improving knowledge and protection of pregnancy in the workplace:

- Improving knowledge of risks
- Developing collective surveillance risk watch
- Develop population surveillance using existing public health resources (register of occupational health certificates, analysis of work leaves, etc.)
- Create an observatory on the impact of occupational risks on births with occupational physicians (enhanced medical surveillance, return to work after pregnancy, etc.)
- Improving prevention at the workplace
- Public health specialists and gynecologists are not very familiar with the issue of occupational risk
- Initiate collaboration between occupational physicians and gynecologists
- Develop specialist consultations
Conclusion

- There are numerous pregnancy hazards in the workplace but it is often possible to stop them from becoming risks.
- However, organisational, financial and cultural obstacles are frequent.
- Improving the protection of pregnant women at work requires:
  - Prioritisation of this issue in occupational health
  - Pluridisciplinary networking
  - Improved awareness of employers, employees, pregnancy practitioners and prevention experts

Acknowledgements

- Geneviève Abadia, Sandy Basile, Jean-Claude Bastide, Marie-Cécile Bayeux-Dunglas, Virginie Bayon, Anne Brun, Claire Beausoleil, Pierre Campo, Véronique Caron, Elodie Causse, Jean François Certin, Olivier Claris, Agathe Croteau, Nicole Ducieux, Marieille Dumortier, Michel Falcy, Françoise Faupin, Anne Florentin, Bernard Fontaine, Christine Hermouet, Yaël Ganem, Christine Gauron, Isabelle Lanfranconi, Colette Le Bâcle, Damien Léger, Patricia Maladry, Jean-Pierre Meyer, Marie-Laurence Mousel, Karine Petitprez, Francis Puech, Anca Radauceanu, Mickaël Rinaldo, Anne-Marie Saillenfait, Irène Sari-Minodier, Marie-Josèphe Saurel-Cubizolles, Claire Soudry