

**CONFERENCE RESOLUTION 1
FROM THE
WORLD DU/URANIUM WEAPONS CONFERENCE
HAMBURG, GERMANY
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Conference Statement – ICRP Risk Model:

- 1.) The Conference rejects the ICRP Risk Model as it is applied to internal exposures from small radioactive particles, like DU. The reason is that such exposures involve high ionization densities in local tissue, which is not modeled properly by the averaging method of the accepted external dose model. The knowledge on which this model is based is faulty and outdated. This is like comparing sitting in front of a fire with eating a hot coal.

In addition the multiple tracks received by tissue local to a particle will result in much higher risk of transformation because the cells are being hit after they are responding to an initial hit. This is now scientific knowledge. Smaller than 5 micron Uranium particle causes 2 hits/day

- 2.) This Conference believes the smaller DU particles can be transported anywhere in the body by the lymphatic system and therefore lymphoma and leukemia may be just effects to be seen, although any cancer may result eventually
- 3.) The small particles can be introduced to the placenta and may, through radiation affect the foetus.
- 4.) This Conference urges the European Committee on radiation risk to extend the national model it has developed in 2003 for internal radiation exposure risk to the analysis of health risk from DU. We also urge any other independent group to address this important problem.

Conference Statement – Free University:

This Conference believes that there is urgent need to found an independent research and teaching institution, a “free university,” which will address current serious health, environmental and economic problems associated with the rapid expansion of industry and the release of toxic and radioactive substances to the environment.

Such a University can be “free” in the sense of independence from the constraints on research caused by funding from multi-nationals and governments and the military.

One of the first projects of such an institution would be to investigate the relation between low-dose, human-made radiation and health, and with particular regard to the effects of DU.

Scientists at this Conference will network together to provide information on new research or ideas relating to the issue of DU and health. Scientists at this Conference agree to found a new organization called the Hamburg Commission on Uranium Weapons.