Application of the 3Rs
An Inspector’s view
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When are the 3Rs considered?

– During assessment of project licence applications

– During Inspection of granted projects

– Promotion of 3Rs during inspections and discussions with researchers

– Retrospective review
SOURCES OF INFORMATION - 1

• Project applications and the applicants themselves

• Viewing work at a variety of establishments

• Sharing information with other inspectors

• Conferences, meetings:
  - World Congress on Alternatives
  - European Congress on Immunology
  - 2012 NC3Rs Primate Welfare Meeting - Chronic implants workshop: let's share what works
  - Inspector's conferences
Websites

NC3Rs
- Refinement of the use of food and fluid control as motivational tools for macaques used in behavioural neuroscience research: report of a working group of the NC3Rs
- Dosing and sampling
- ARRIVE guidelines
- CRACK IT – Next generation invertebrate models for neurodegeneration

LASA
- Guiding Principles for Preparing for and Undertaking Aseptic Surgery

RSPCA
- Reducing suffering in animal models and procedures involving seizures, convulsions and epilepsy
SOURCES OF INFORMATION - 3

More websites
• FRAME
• Web of Knowledge
• Canadian Council of Animal Care
• NORINA
• LAVA - VOLE
• Published papers (e.g. PubMed)
GAPS AND DIFFICULTIES

- **Alternatives**
  - Focus on toxicology
  - Difficult to know what has been sufficiently validated for other areas especially academic research
  - Reviews helpful but can date quickly

- **Access to on-line publications**
  - Can ask applicants to provide key reference papers
  - Some sites allow free access

- **Time**
  - 40 days for project license assessments
  - Limited inspector resource