

**Attitudes to Pain in mice**  
A 2022 survey

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**felasa**  
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Why this survey ?  
**Is personnel adequately trained in pain alleviation?**

Effective pain management often relies on use of analgesics ..... by *non-specialised personnel*.

- Careful selection and administration plan
- Evaluation of efficacy
- ...

Background

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**Are analgesics provided when required?**

Background

Reviews of publications suggest a relative underuse of analgesics

- Lack of information
- Interactions/confounding effects
- Lack to recognise pain, and therefore treat it.

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Why this survey ?  
**Updated?**

Background

New methods of pain assessment and pain control have been developed

...but may not be widely adopted.

- J Am Assoc Lab Anim Sci 2021; 60: 64-71
- Front Vet Sci 2022; 9: 830005
- Sci Rep 2020; 10: 17295
- Lab Anim 2015; 49: 177-187
- J Am Assoc Lab Anim Sci 2014; 53: 193-197
- J Am Assoc Lab Anim Sci 2012; 51: 815-819
- J Am Assoc Lab Anim Sci 2011; 50: 198-204

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**How is analgesia provided to mice in 2022 ?**

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Aim: to assess current practice during and after painful procedures in mice.

- Target: personnel working with mice models.
- Method: Online, anonymous, questionnaire survey

**qualtrics**

- April-August 2022
- Pilot tested by biotechnicians, researchers, veterinarians and AWB.
- Sent via FELASA to its member associations, and ESLAV, ECLAM, IAT.
- Four sections with 53 questions:

Demographics → Surgical models → Non-Surgical models → Pain assessment / Resources - advice

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**Responses**

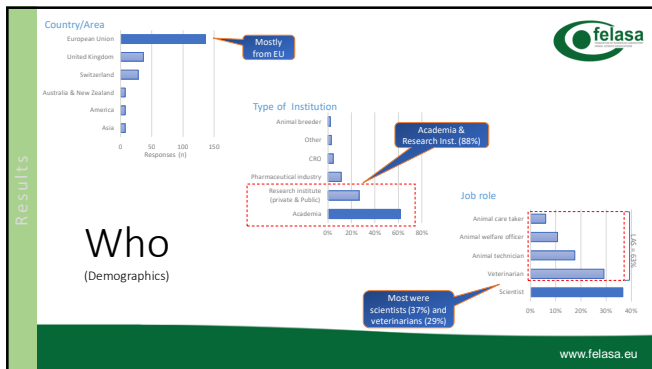
Flow diagram of respondent identification and inclusion into final analysis.  
IAS, Laboratory Animal Science personnel

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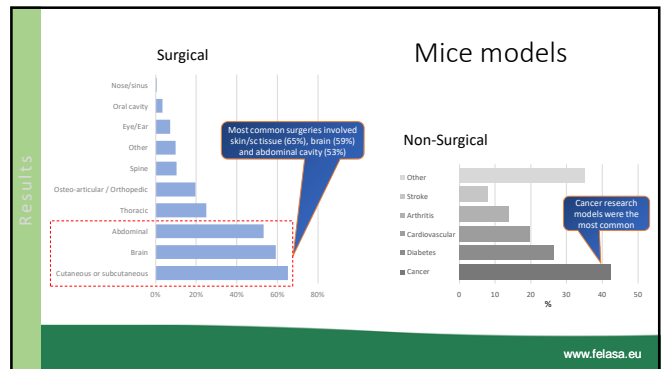
graph TD
    A[Received responses n=117] --> B[Incomplete responses n=20]
    A --> C[Complete responses assessed n=97]
    C --> D[IAS personnel n=22]
    C --> E[Scientists n=74]
    C --> F[Unknown professional status n=26]
    D --> G[Care labor n=6]
    D --> H[Technician n=14]
    D --> I[Welfare officer n=23]
    D --> J[Veterinarian n=23]
    
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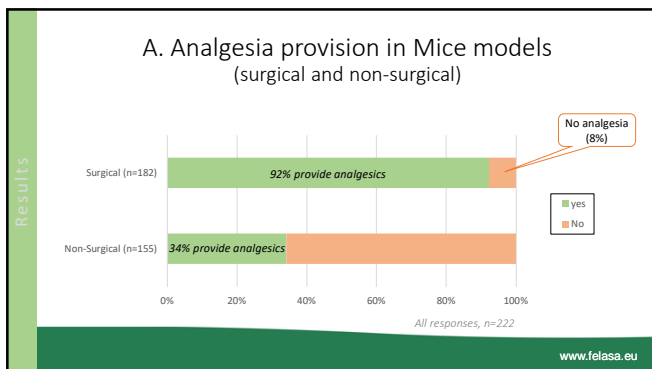
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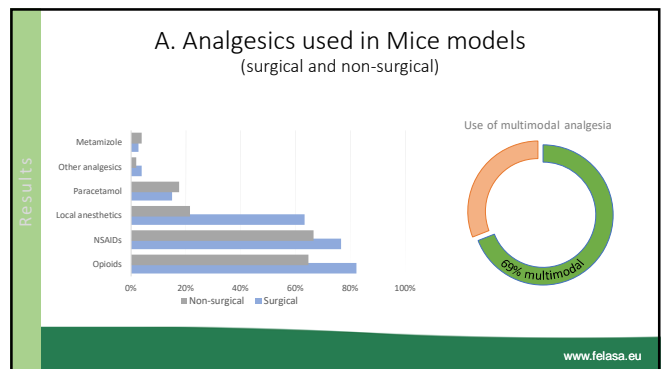
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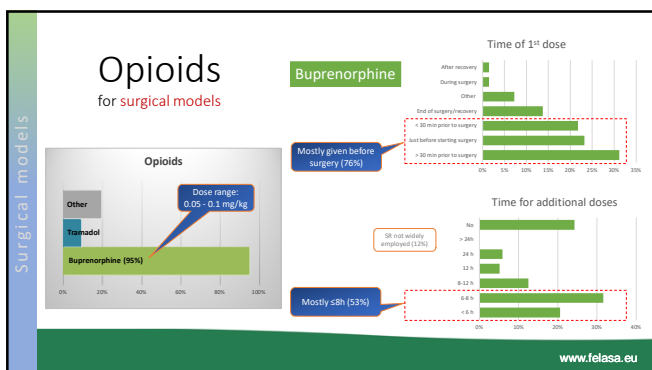
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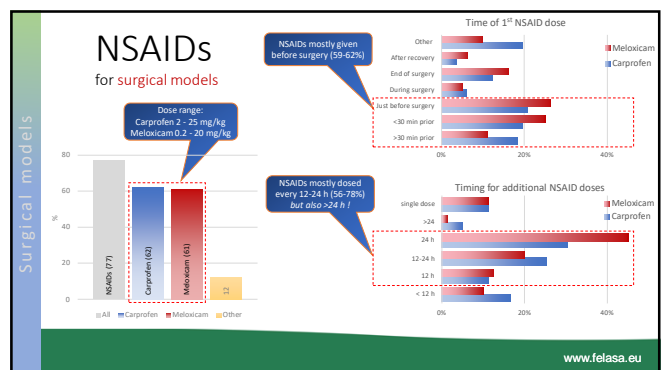
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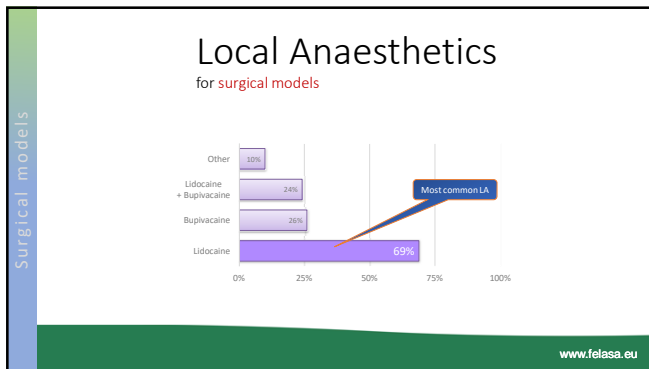
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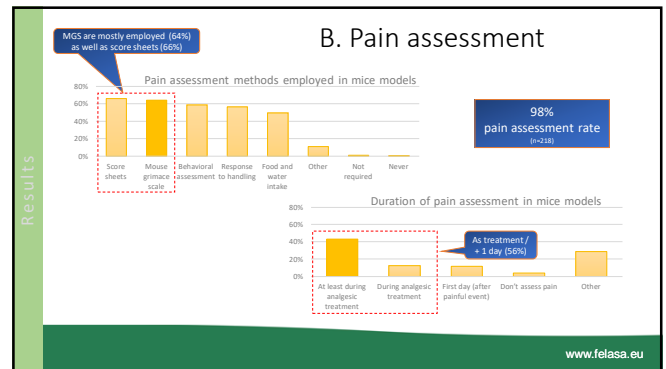
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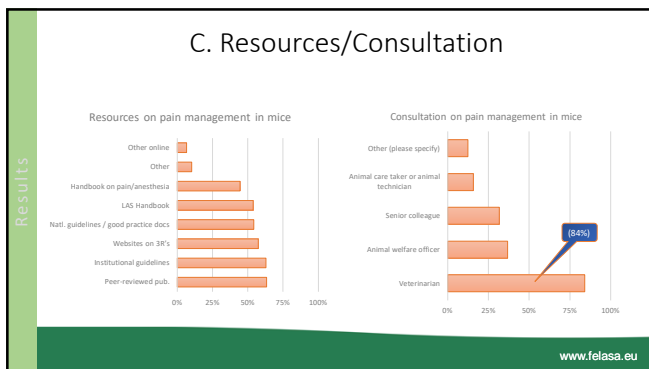
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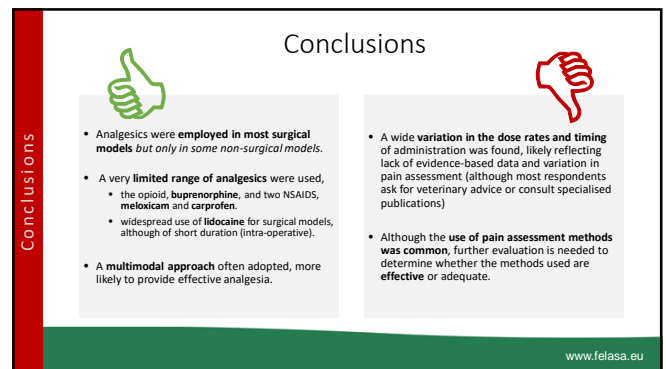
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