

NORINA: information on animal alternatives in a changing world



www.norecopa.no

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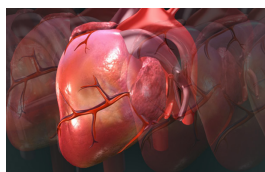
The availability and format of audiovisual aids for use in education and training have changed enormously since the NORINA database was established in 1991. High-resolution digital media have largely replaced analogue formats. Similar advances have been made in the manufacture of mannikins and surgical training materials.

These changes, and the requirement to consider alternatives, make it imperative to have access to an up-to-date source of information on high-quality, preferably peer-reviewed products which are relevant to the platforms in use today. Many products which were considered state-of-the-art in the 1990's are no longer available, suppliers have closed down or merged, and some loan programmes have been discontinued.

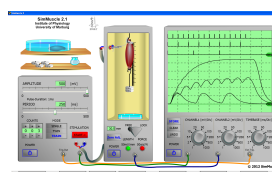
Never before has the *quality* of information on animal alternatives been more important than *quantity*.



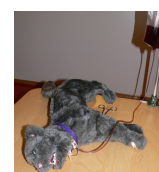
The MD PVC-Rat
microdev.nl



The Glass Dog
sciencein3d.com



SimMuscle
virtual-physiology.com



Critical Care Fluffy
rescuecritters.com

The NORINA project has taken several steps to continue to provide up-to-date, quality-assured information on 3R-resources of relevance to animal use in education and training:

- deletion of records citing products that are no longer easily available
- creation of a satellite database, **Classic AVs**, where products using older technology are listed
- seamless integration with Norecopa's other databases:
 - **TextBase** (textbooks and other literature within lab animal science, including anatomy guides, e-books and other material of relevance to education & training – oslovet.norecopa.no/textbase)
 - **3R Guide**: a "one-stop-shop" for those wanting an overview of 3R resources when planning experiments which may involve the use of animals or animal material (guidelines, databases, information centres, journals, email lists – www.3RGuide.info)
- broadcasting information about new products via **Norecopa's newsletter** and email lists

The Sectra Visualisation Table, now being used by medical students in Scandinavia. The Table allows virtual dissection of detailed scanned images from real patients. This is an example of technology which could be implemented in education and training involving animal material.

Sectra Medical Systems, www.sectra.com



<http://oslovet.norecopa.no/NORINA>



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