



**Flower-Sprecher Veterinary Library
Cornell University**

Practicing Veterinarians' Guide to E-Journal Access

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The trend toward accessing full text journal articles electronically is increasing rapidly in the biomedical sciences. This may include electronic versions of print-based journals as well as other publications that are totally electronic and have no print equivalents. In recent years, colleges and universities have established institutional license contracts to obtain packages of networked electronic journals from publishers' web sites. In most instances, current licenses restrict access of these resources to campus-based faculty, staff, and students, but do allow for access by anyone on-site from library-based computers.

So, what does this mean for veterinarians in private practice who are not directly affiliated with academic institutions and want access to e-journals in their areas of interest?

The primary advantage of e-journals to veterinarians is the convenience of having access to recent articles in their offices. This advantage must be balanced against relatively few but growing number of online versions of journals in veterinary medicine, no single source, different access arrangements, and additional costs. Also, although there are a number of free online journals, most require the payment of a license fee and necessitate initial registration at the web site. Each time accessed, a personal user ID and password must be entered for authentication. Since the publishers own the data, there are copyright and usage or distribution restrictions. Finally, there is some question as to how archival files of older articles will be maintained and where. This paper will help veterinarians understand the options presently available to them.

Note: The information contained in this document, including the list of veterinary e-journals, is subject to continuing change.

What hardware and software are needed?

A standard computer connected to the World Wide Web by an Internet Service Provider (ISP) and equipped with a browser (e.g., Microsoft Internet Explorer or Netscape Navigator) is sufficient for viewing documents in ASCII format (plain text), such as html.

However, to view and print documents in PDF format (portable document format) so that the screen images look and print like actual journal pages, it is necessary to have a reader program, such as Adobe Acrobat 5.0, on your computer. This program can be downloaded free of charge at <http://www.adobe.com/>. Helpful instructions at: http://www.acvr.ucdavis.edu/documents/pdf_instr.html

How many years are available online?

In most instances, only the last few years are available and will vary depending upon the publisher and journal. Some publishers and sources will archive back issues. Others have a rolling system of posting only the latest 5 years and removing each older year as the latest one is added.

How do I find out what publications are available electronically?

This is not an easy question to answer since there is no one source to consult. Several sources include:

PubList

<http://www.publist.com>

“PubList.com is a web-based electronic yellow pages of publication information for periodicals. More than 150,000 entries can be searched or browsed. Includes: description, frequency, publisher, address, price, serial number, and some addresses on Web”.

PubMed MEDLINE

<http://www.ncbi.nlm.nih.gov/PubMed/> or alias: pubmed.gov

On the left side bar, click on Journal Browser, and then click the link to online publications potentially accessible through PubMed MEDLINE. This will not tell you “how” to get them, but will alert you to the fact that an online version is available. Registered users can simply click on a publisher logo to connect to the full-text articles from the Abstract format display of citations.

Check the catalogs of various libraries. Several examples include:

Cornell University Library. E-Journal Title List.

View a list of more than 16,000 online serials.

<http://campusgw.library.cornell.edu/>

University of California, Davis. Loren D. Carlson Health Sciences Library. Electronic Journals in the Sciences.

<http://www.lib.ucdavis.edu/healthsci/> Choose “Electronic Journals” on left sidebar.

<http://libcf.ucdavis.edu/ejournals/index.cfm?ver=sci>

Watch for announcements in professional journals, get referrals from colleagues, and take note of publisher advertisements.

How can I access or subscribe to an e-journal?

There are currently four options:

1. Visit academic veterinary or medical libraries in person for on-site access.

Veterinarians are welcome to visit veterinary school, human medical school, hospital, and other health sciences libraries at any time. It is also worth investigating public libraries as well as local college and university libraries. This on-site use enables access to a large number of electronic resources. However, if you do not live within a short driving distance, this is not a convenient or realistically viable option.

2. Use “free” WWW or association membership sources.

Some publications are freely available to anyone on the World Wide Web directly or through aggregator sites. In addition, professional associations make electronic access to their publications available to members usually at no extra charge. For the latter, you may need to register at the association’s Web site using a personal ID and password.

a. **Direct free journals and newsletters (with print equivalents)**

The print versions may be available at a subscription cost. The contents of some print and electronic publications may not be equivalent.

Animal Sheltering Online (The Humane Society of the United States)
<http://www.AnimalSheltering.org>

AVI: Association for Veterinary Informatics Newsletter (Formerly:
 American Veterinary Computing Society.)
<http://www.aviinformatics.org/>

British Medical Journal
<http://www.bmj.com/>

DVM: The NewsMagazine of Veterinary Medicine
<http://www.dvmnewsmagazine.com/dvm/>

Emerging Infectious Diseases
<http://www.cdc.gov/ncidod/eid/index.htm>

Equine Disease Quarterly
http://www.uky.edu/Agriculture/VetScience/q_jan01/q_jan01.htm

Equus Online [Articles and TOC]
 EquiSearch: Where Horse Owners Click
<http://horses.about.com/mag/bltoc-eq.htm>

FDA Veterinarian Newsletter

<http://www.fda.gov/cvm/index/fdavet/1999/1999toc.html>

ILAR Journal (Institute for Laboratory Animal Research, U.S. National Academy of Sciences), 1995-

<http://www.national-academies.org/ilar>

http://www4.nationalacademies.org/ijhome.nsf/web/ilar_journal_online?OpenDocument

MMWR: Morbidity and Mortality Weekly Report

<http://www.cdc.gov/mmwr/>

Veterinary Neurology and Neurosurgery

“A peer-reviewed online international journal dedicated to clinical practice and research in neurological disorders of animals”.

<http://www.neurovet.org/>

b. Free online publications with no print equivalent.

American Farriers Journal. Only Online!

http://www.lesspub.com/afj/AFJ_Only_Online/

BioMed Central

“An independent publishing house that aims to provide immediate free access to peer reviewed biomedical literature.” “Publishes more than 50 on-line journals covering biology and medicine.”

<http://www.biomedcentral.com>

International Veterinary Information Service (IVIS)

“The IVIS Website provides free access to original, up-to-date publications organized in electronic books each edited by highly qualified editors...”

<http://www.ivis.org/>

Veterinary Sciences Tomorrow

An online, refereed current awareness journal that provides reviews and opinion papers, not experimental data, in support of veterinary and research scientists worldwide.

<http://www.vetscite.org/>

The Web-Journal of Acupuncture: An Online Acupuncture Journal

<http://users.med.auth.gr/~karanik/english/webjour.htm>

The Veterinary Acupuncture Page: The Practice of Acupuncture in Animals. (Karanikiotes Charisios, MD)

<http://users.med.auth.gr/~karanik/english/veter.htm>

c. **Free aggregator journal sources.**

Links to online journals may be assembled at specialized sites, including:

AgZines: A Harvest of Free Agricultural Journals. (Formerly called: Tomato Juice)
Communications Committee, U.S. Agricultural Information Network.
A collection or “compilation of agricultural journals that are available free on the web.”

<http://usain.org/agzines.html>

PubMed Central: Free online access to the full text of life sciences research articles.

U.S. National Institutes of Health.

<http://pubmedcentral.nih.gov/>

Also, look for and click on the PubMed Central red oval logo when viewing citations in the Abstract format in PubMed MEDLINE.

Directory of Electronic Health Sciences Journals. Free Full-text Online Journals.

Monash University (Australia)

<http://dehsj.med.monash.edu.au/cgi-bin/flist.asp>

Hardin Library Free Medical Journals.

Hardin Library for the Health Sciences, University of Iowa.

“A selected list of free full-text online electronic medical journals, with an emphasis on journals that are included in Medline and have current issues available.”

<http://www.lib.uiowa.edu/hardin/md/ej.html>

FreeMedicalJournals.com (Bernd Sebastian Kamps)

“Free Medical Journals Site is dedicated to the promotion of free access to 880 medical journals over the Internet.”

<http://www.freemedicaljournals.com>

Israel Journal of Veterinary Medicine

Journal of Veterinary Medical Science (Japan)

d. **Professional associations.**

In addition to journals, membership in professional associations may enable access to additional online resources, such as a membership roster, conference proceedings, reference tools, drug formularies, and other association-related materials and resources, such as Materials Safety Data Sheets (MSDS) on toxic substances.

American Veterinary Medical Association.

[One free subscription; \$55 for both; requires member ID and password.]

<http://www.avma.org/>

American Journal of Veterinary Research
Journal of the American Veterinary Medical Association

American Society for Microbiology

<http://www.asm.org/>

Several of the 11 online ASM journals include:

Antimicrobial Agents and Chemotherapy

Clinical Microbiology Reviews

Infection and Immunity

Journal of Clinical Microbiology

Australian Veterinary Association

<http://ava.com.au/content/current/current.htm>

<http://www.farmwide.com.au/nff/vetasscn/index.htm>

Australian Veterinary Journal [AVA members only]

Japanese Society of Veterinary Science.

<http://wwwsoc.nii.ac.jp/jsvs/JVMS/jvms.html>

<http://jvms.jstage.jst.go.jp/en/>

Journal of Veterinary Medical Science [free to non-members]

3. Paid subscriptions directly with publishers or vendors.

There are various arrangements:

1. Free online access with a paid subscription to a print journal. Subscribers must register to access the “free” online version using their subscriber number.
2. Extra cost for online version along with the print subscription. For example, to get both versions, 5-15% of the print price may be added on to the print subscription price to get both versions.
3. Purchase only the online version. For example, the online version may be 90% of the print subscription price.
4. Paid online subscription for the latest 6 months to 1 year worth of issues, then free access for older back issues.
5. Per-article, pay-as-you-go by credit card.

Online journals can be obtained from the following sources:

a. Vendors/aggregators

BioOne

“BioOne brings to the Web a uniquely valuable aggregation of the full-texts of high-impact bioscience research journals....”

<http://www.bioone.org>

HighWire: Library of the Sciences and Medicine. (Stanford University)

Manages subscriptions and provides access to 321 online journals in the biosciences by:

- Personal paid subscriptions
- Free trials for a limited demo period (20 titles)
- Free access (12 titles)
- Paid recent issues and free back issues (114 titles)
- Pay-per-view per article (160 titles)

<http://highwire.stanford.edu/>

IKNOWLEDGENOW.COM: Veterinary Medicine Website.

A new commercial endeavor by Douglas Novick DVM. “designed to provide real-time knowledge acquisition by providing veterinarians with instant access to reprints of articles from journals and conference proceedings they already know”.

<http://www.iknowledgenow.com>

- American College of Veterinary Surgeons. ACVS Veterinary Symposium Equine and Small Animal Proceedings.
- Journal of the American Animal Hospital Association

b. Associations

American Association of Swine Veterinarians

Journal of Swine Health and Production (\$95.00, print and online for 2002)

<http://www.aasv.org/>

Massachusetts Medical Society

<http://www.nejm.org/>

New England Journal of Medicine

[Full text available free to subscribers or after 6 months from publication to all; limited purchase options such as full access for 24 hours for \$29 and individual article pay-per-view at \$10]

The Pig Journal: The journal of the Pig Veterinary Society (U.K.)

<http://www.pigjournal.co.uk/>

c. Commercial Publishers

Academic Press – IDEAL

<http://www.ideallibrary.com>

<http://www.academicpress.com/www/ideal/aboutid.htm>

Animal Behavior

Journal of Fish Biology

Blackwell Science

<http://www.blackwell-science.com/online/>

Accessed through Blackwell Synergy search system

<http://www.blackwell-synergy.com>

Priced individually for print, online, and both. Online only is 90% of print subscription for 2002:

- Anatomia, Histologia, Embryologia: Journal of Veterinary Medicine
- Animal Genetics
- Berliner und Meunchner Tierarzliche Wochenschrift
- Journal of Animal Physiology and Animal Nutrition
- Journal of Fish Diseases
- Journal of Veterinary Emergency and Critical Care
- Journal of Veterinary Medicine, Series A
- Journal of Veterinary Medicine, Series B
- Journal of Veterinary Pharmacology and Therapeutics
- Medical and Veterinary Entomology
- Reproduction in Domestic Animals
- Veterinary Anaesthesia and Analgesia
- Veterinary Dermatology
- Veterinary Ophthalmology

Elsevier Science. Science Direct

<http://www.sciencedirect.com/>

Subscribers can view full-text; table-of-contents free to all.

- Animal Reproduction Science
- Applied Animal Behavior Science
- Annual Review of Fish Diseases
- Comparative Immunology, Microbiology and Infectious Diseases
- Preventive Veterinary Medicine
- Small Ruminant Research
- Veterinary Immunology and Immunopathology
- Veterinary Microbiology
- Veterinary Parasitology

Equine Veterinary Data, Inc. (William E. Jones, DVM)

<http://www.neosoft.com/~iaep/index.html>

Journal of Equine Veterinary Science. ISSN: 0737-0806
\$155.00 individual print subn; \$50 for Web only subscription

Equine Veterinary Journal Ltd. (U.K.)

<http://www.evj.co.uk/>

<http://www.evj.co.uk/archive/index.html>

Equine Veterinary Education.

Equine Veterinary Journal: The journal of the equine veterinary profession.

“Selected articles are available to download from EVJ and EVE. These can be accessed on the Website.”

Harcourt Health Sciences / W.B. Saunders

<http://www.harcourthealth.com/>

Veterinary Surgery

Harcourt International – Elsevier Science

<http://www.harcourt-international.com/journals/tvj1>

The Veterinary Journal (Formerly: British Veterinary Journal)

Kluwer Online

<http://www.kluweronline.com/>

Veterinary Science Communications

Lippincott Williams & Wilkins Online

<http://www.lwwonline.com>

OJVR: Online Journal of Veterinary Research, 1996- ISSN: 1328-925X
Aust.\$180.00

<http://www.cpb.uohsc.edu/ojvr/>

Royal Society of Medicine (U.K.)

<http://www.rms.ac.uk/pub/la.htm>

Laboratory Animals

[Free full text for subscribers; free table-of-contents and abstracts for all]

Vet On-line: The international journal of veterinary medicine

<http://www.priory.com/vet.htm>

4. Find affiliations that allow remote access. (Under Development)

Some universities are now beginning to offer services to alumni and other non-affiliated “distance learners” that may include access to online publications. Registration and access may be free, fee-based, or a combination. Watch for expanded developments in the future.

- a. Contact the library of the institution from which you received your DVM degree and inquire about their outreach services and future plans.

Cornell University Library. Office of Distributed Learning.
CUL Alumni & Friends Access.

<http://www.library.cornell.edu/AA/index.htm>

(prototype site; final site to be released Summer, 2002?)

- b. Other affiliations yet to be determined or constituted, such as associations or commercial enterprises.

Can I access abstracts and tables-of-contents of articles online if the full-text is not readily available?

Abstracts may provide a suitable or sufficient alternative to full-text in many instances. Even if you have not paid and registered for a subscription, it is often possible to view tables-of-contents (TOC), abstracts, and/or annual indexes at publishers' web sites without cost. These abstracts may provide adequate content information or enable you to decide if the full article would be useful to obtain from other sources.

a. Publishers and Association Web sites

American College of Veterinary Radiology (ACVR)

<http://www.acvr.ucdavis.org/journal/journal.html>

Veterinary Radiology & Ultrasound [table of contents only; index 1960-present]

American Veterinary Dental Society (AVDS)

Academy of Veterinary Dentistry (AVD)

American Veterinary Dental College (AVDC)

<http://www.jvdonline.org/>

Journal of Veterinary Dentistry

[Table-of-contents and abstracts only]

Blackwell Science. Blackwell Synergy.

<http://www.blackwell-synergy.com>

Table of contents and TOC email alerts

British Veterinary Association

In Practice

<http://www.vetrecord.co.uk/ipcurrent.htm>

Veterinary Record

<http://www.vetrecord.co.uk/vrcurrent.htm>

Canadian Veterinary Medical Association

<http://canadianveterinarians.net>

[Table-of-contents and abstracts only.]

Canadian Journal of Veterinary Research / Revue Canadienne de Recherche Veterinaire.

Canadian Veterinary Journal / La Revue veterinaire canadienne

Elsevier Science. Science Direct

<http://www.sciencedirect.com/>

Table of contents and TOC email alerts.

Veterinary Information Network (VIN). The VIN Journal Library.

<http://www.vin.com/>

[Sign in as a member, then choose Library, then Journals.]

Access to the table of contents and abstracts from over 80 veterinary journals and more than 70 human medical journals.

Veterinary Medicine Publishing

Veterinary Economics

<http://www.vetmedpub.com/ve/index.htm>

[Annual index only; TOC of current issue]

Veterinary Medicine

<http://www.vetmedpub.com/vm/index.htm>

[Annual index only]

b. Databases

PubMed MEDLINE

<http://www.ncbi.nlm.nih.gov/PubMed/> or alias: pubmed.gov

When viewing your search results, click on the author(s) name link to see an abstract if one is available. In addition, individuals who have registered or paid for online access can click on the rectangular publisher logo under the journal title on the Abstract format display to connect to the full-text articles.

c. Other sources

DVM Success: Solutions for Success in Veterinary Medicine (Palo Alto, CA; Douglas Novick DVM)

<http://www.dvm.com/> Choose “Journal Library” on left sidebar

<http://www.dvm.com/servlet/DVMMailRegistry?action=library>

“Veterinary Medicine Journal Library. Stay up to date with the most current veterinary literature. Our library contains links to abstracts to approximately 80 veterinary medical journals. Links to full text articles, when available, are also provided”.

How can veterinarians in practice maintain or manage access to e-journals and other electronic resources?

Because titles are often accessed individually at different sites, it will require effort for busy veterinary practitioners to maintain control. Here are some hints that may help you manage access to electronic publications:

- Be selective. Identify a few titles that you would like to connect to or use online frequently. To get copies of articles from other publications when needed, use your traditional routes for obtaining photocopies.
- Make bookmarks or favorites for Web sites in your browser for easy access.

- Make a list of online journals for which you have registered along with the source (vendor and URL) and each user id and password. Save this list in a convenient and safe place for ready access.
- Communicate with your professional organization(s) and register for their free publications.
- Connect to electronic journals when searching PubMed MEDLINE. If a previously registered subscriber, simply click on the publisher's rectangular logo under the journal title when viewing the Abstract format to connect to the publisher's web site.
- Use resources available at local libraries (medical, college, school, public, etc.) that have already assembled many electronic resources and may be in a position to make them available to others in the community.
- Sign up for free table-of-contents and alerts from publishers (e.g., ScienceDirect, Lippincott Williams & Wilkins) or use PubMed MEDLINE to identify useful articles.
- Use free abstracts available at publishers' and other web sites, such as PubMed MEDLINE.
- Use the per-article, pay-as-you-go payment option for viewing and subsequent printing of individual articles using credit cards. This enables individuals to access and pay a nominal cost to get only what they need rather than the full subscription cost.
- Enlist the assistance of an office manager or veterinary assistance to keep track of online resources in using Word, Excel, FileMaker, or other file.
- Be prepared for continuing change in access and arrangements for e-journals.

Questions? Need more information?

Contact the Flower-Sprecher Veterinary Library Reference Desk at vetref@cornell.edu, call 607-253-4357, or fax 607-253-3080.