



Neuro-Ophthalmology Virtual Education Library: NOVEL

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<http://library.med.utah.edu/NOVEL/>

The Neuro-Ophthalmology Virtual Education Library

A discipline specific, open access repository of digital materials (images, video, lectures, articles and animations), to be used for educational and research purposes by health care professionals, educators, patients, and students.


- Home
- Contribute
- Curriculum
- Patient Portal
- Rare Disease Registry
- About NOVEL
- What's New Blog
- Project Wiki
- Feedback

Collections

	Cogan, David G.
	Hoyt, William F.
	Kardon, Randy
	Loewenfeld, Irene
	Sadun, Alfredo A.
	Walsh Society Meeting


Search Collections: Search [Advanced Search](#)

New Web Design - <http://library.med.utah.edu/NOVEL>



Administrative

- **Pfizer Grant**
 - \$80,000.00 for 2008 – Rec'd 2/14/08
 - Final Report submitted
- **Web site Re-Design**
- **Advanced search function implemented**
 - Can search all NOVEL collections at once
 - Can specify fields to search



Patient Portal

- 15 topics covered, 6 in development
- Based on patient brochures developed by NANOS members
- Brochures are indexed in the NOVEL database
- Links to authoritative sources
 - Medline Plus – consumer health information
 - PubMed – current literature
 - Support groups
 - NOVEL resources



<http://library.med.utah.edu/NOVEL/portal>




NOVEL: Patient Portal

General Information

- [Guide to eye disease terms from the Medical Library Association](#)
- [An Author's Guide - suggestions for developing patient education materials](#)

Conditions


- [Anisocoria](#)
- [Anterior Ischemic Optic Neuropathy](#)
- [Blepharospasm](#)
- [Drusen](#)
- [Dry Eye Syndrome](#)
- [Hemifacial Spasm](#)
- [Homonymous Hemianopia](#)
- [Microvascular Cranial Nerve Palsy](#)
- [Migraine](#)
- [Myasthenia Gravis](#)
- [Optic Nerve Glioma](#)
- [Optic Neuritis](#)
- [Pituitary Tumors](#)
- [Pseudotumor Cerebri](#)
- [Thyroid Orbitopathy](#)



Rare Disease Registry

- Provides a mechanism of communication between N-Os who see rare and unusual diseases
- Facilitating group definition of the natural history and best therapies
- Stewards have been identified for six rare diseases
 - Develop standardized data collection tools
 - Systematically collect and organize the information

- **Autoimmune Mediated Optic Neuropathy** (Frohman)
- **Chiari mimicking P. Cerebri** (Vaphiades)
- **Genetic eye movement disorder** (Bosley)
- **Posterior cortical atrophy** (Pelak)
- **Sarcoid optic neuropathy** (El Diari)
- **Susac's Disease** (Egan)



<http://library.med.utah.edu/NOVEL/rare/>

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Rare Disease Registry

This registry of rare visual diseases provides a mechanism of communication between neuro-ophthalmologists who see rare and unusual diseases. This registry will coordinate research on these rare diseases. Neuro-ophthalmologists have agreed to be the "stewards" of clinical information (all HIPAA compliant) on conditions rare enough that no single institution can accumulate enough experience to understand either the natural history or the best treatment for a condition. By combining the efforts of our members at 120+ American medical schools, along with their international colleagues, we will collaboratively research these diseases and systematically investigate how to improve patient outcomes.

The rare diseases selected at this time are:

- Autoimmune-Mediated Optic Neuropathy


Steward:

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[ISS Examination](#)
[Data Collection Form](#)


CLINICAL CRITERIA (all must be met):

1. Multiple attacks in one eye or attacks in both eyes with at least three total attacks (both eyes simultaneously counts as two attacks; attacks must be separated in time by six



JNO Archives

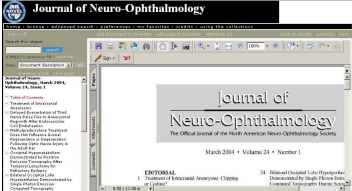

- Lippincott Williams & Wilkins (LWW) has transferred the complete collection of JNO electronic archives to NOVEL
- 1994 – 2006 available online
- 2007 in progress
- 2008 will be added quarterly as LWW 1-year embargo lifts



<http://library.med.utah.edu/NOVEL/jno>


NOVEL: Journal of Neuro-Ophthalmology Archives

- 2006
 - March 2006, Volume 26, Issue 1
 - June 2006, Volume 26, Issue 2
 - September 2006, Volume 26, Issue 3
 - December 2006, Volume 26, Issue 4
- 2005
 - March 2005, Volume 25, Issue 1
 - June 2005, Volume 25, Issue 2
 - September 2005, Volume 25, Issue 3
 - December 2005, Volume 25, Issue 4
- 2004
 - March 2004, Volume 24, Issue 1
 - June 2004, Volume 24, Issue 2
 - September 2004, Volume 24, Issue 3
 - December 2004, Volume 24, Issue 4
- 2003
 - March 2003, Volume 23, Issue 1


NOVEL Collections

- [John S Kennerdell Collection – 66 cases – NEW](#)
 - Orbital surgery cases cataloged,
 - 600 + slides scanned and converted to PPT
 - Web site developed, menus in progress
 - Peer review in progress
- [Alfredo A. Sadun Collection – 92 lectures - NEW](#)
 - "100 best lectures" in PPT-PDF format
 - Cataloged, ready for peer review
 - Web site developed, menus in progress
- [Robert B Daroff Collection – 55 video - NEW](#)
 - eye movement disorder videos from the VHS set produced in 1990



NOVEL Collections

- [Prof. Dr. med. Helmut Wilhelm – New In Process](#)
 - Universitäts-Augenklinik, Tübingen, Germany
 - 38 video cases
 - Quiz game in PPT format
- [Shirley H. Wray, MD, PhD – 161 cases](#)
 - 47 cases added
 - Adding PPT lectures for cases and diseases
- [Moran Eye Center – 84 objects, growing](#)
 - 17 video cases added, many more to add



NOVEL Collections

- [Walsh Society Meetings – 885 objects, growing](#)
 - Have scanned 1973-1984, will be adding soon
 - 2005 - 2007 - PPT, abstracts, images, videos
 - 1981, 1982, 1985 -2004 - abstracts
- [David Newman-Toker , growing](#)
 - Animation, lecture
 - Skew deviation animation under development



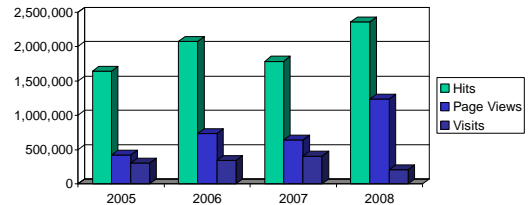
NOVEL Web Site Usage

NOVEL Web Site Usage	2005	2006	2007	2008*
Hits	1,640,958	2,072,613	1,785,154	2,357,067
Page Views	422,915	731,571	639,614	1,236,651
Visits	305,309	341,047	406,878	207,332
Visitors (Avg/month)	6,701	9,014	11,018	7,424

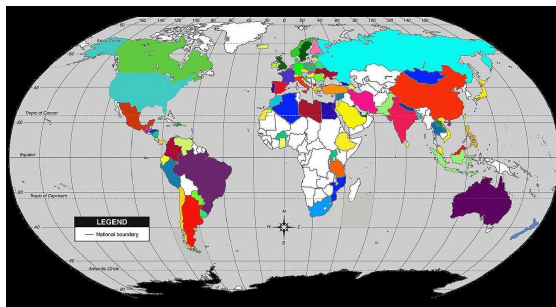
* Web site redesigned, changed organizational structure, impacted usage stats



NOVEL Web Site Usage

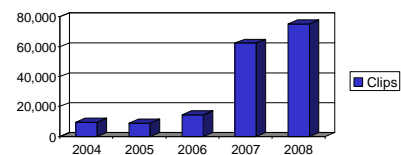


International Visits Global Reach – 100+ countries



Video Usage Statistics 2004 - 2008

Video Usage	2004	2005	2006	2007	2008
Number of Clips Accessed	9,463	8,956	14,365	62,420	75,296



Video Usage Statistics International 2008

105 Countries	75,296 Video	56,127 Visits		
United States 31,577	Croatia 230	Syrian Arab Republic 58	Albania 16	Oman 4
India 4,025	Hong Kong 220	Norway 55	Slovakia 16	Vietnam 4
United Kingdom 3,687	France 212	Dominica 53	Argentina 14	Saint Kitts and Nevis 4
Canada 2,885	Sweden 197	Ukraine 53	Grenada 14	Brunei Darussalam 4
Kuwait 1,382	Bulgaria 175	Philippines 51	Morocco 13	Cyprus 4
China 1,118	Hungary 165	Denmark 50	Lithuania 12	Malta 3
Malaysia 998	Israel 159	Mexico 47	Estonia 12	Cayman Islands 3
Germany 993	Thailand 158	Pakistan 46	Tunisia 11	Luxembourg 3
Italy 715	Egypt 132	Venezuela 45	Sri Lanka 11	Europe 3
Netherlands 639	Singapore 124	Indonesia 40	Yugoslavia 11	Jamaica 3
Japan 618	Russian Federation 120	South Africa 39	Iceland 9	Panama 3
Turkey 617	Greece 115	United Arab Emirates 36	Peru 9	Barbados 2
Australia 495	Saudi Arabia 113	Czech Republic 34	Ethiopia 8	Lao PDR 2
Brazil 442	Jordan 99	Costa Rica 26	Dominican Republic 8	Honduras 2
Taiwan 423	Ecuador 84	Aruba 25	Satellite Provider 6	Bosnia and Herz 2
Uruguay 338	Ireland 82	Romania 24	Macedonia 6	Paraguay 2
Spain 323	Iran, Islamic Republic 76	Slovenia 24	Nepal 6	Bahrain 1
Portugal 287	Finland 65	Antigua and Barbuda 24	Qatar 6	Bahamas 1
Chile 280	New Zealand 63	Poland 23	Bangladesh 5	Netherlands Antilles 1
Korea, Republic of 260	Puerto Rico 62	Austria 22	Yemen 5	Latvia 1
Switzerland 260	Belgium 61	Colombia 22	Sudan 4	



Peer Review Committee Progress

- **Chair, Leah Levy**
 - Peer review committee working on Kennerdell case PPTs
 - Have reviewed more than half the cases
 - Thanks to all Peer Reviewers!



NANSO Members Survey

A recent survey of NANOS members on their perceptions and usage of NOVEL produced these results from 105 respondents:

- 97.1% of respondents are aware of the NOVEL resource
- 95.8% found the resource to be useful or very useful
- 94.9 % are in favor of NANOS continuing support the NOVEL project
- 85.4% use the resource occasionally, monthly, weekly or daily.
- 78.1 % have recommended the NOVEL resource to colleagues, residents or medical students



COME VISIT THE POSTER SESSION FOR DEMONSTRATION OF NOVEL

Feel free to contact us at:

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