



Net-based Training for Work Related Medicine (NeTWoRM):

Usage of Virtual Patients




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NeTWoRM Team



- students (medical, PH, epidemiology)
- advanced training for physicians becoming OM specialists
- Continuing Medical Education (CME)
- OM nurses
- secondary school students during job decision process




LMU **NeTWoRM VPs available - topics**




1. Backer's asthma
2. Bronchial carcinoma, legal aspects of OM
3. Asbestosis
4. Tuberculosis in health care workers
5. Latex allergy in health care workers
6. Needle stick injury (Hepatitis)
7. vasospastic syndrome in a forest worker
8. Carpal tunnel syndrome
9. Emergency rescue service
10. Bladder carcinoma (Aromatic amines)
11. Nasal septum perforation (Electroplater/Chrome)
12. Livercirrhosis (halogenated hydrocarbons)
13. Epidemiological study
14. Preventive medical check up (noise)
15. Outbreak (SARS)

Respiratory
 Medical service
 Musculoskeletal
 „classical“ OM
 Methods

LMU **NeTWoRM VPs available - languages**



English VPs	30
French VPs	6
Spanish VPs	11
German VPs	20
Romanian VPs	10
Finnish VPs	10
Polish VPs	10
Austrian VPs	2
Belgium VPs	2
VPs from other projects	24



NetWoRM EU

NetWoRM Latin America
Secondary school project


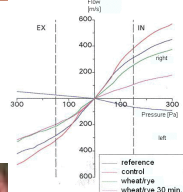



LMU NeTWoRM VP usage as single user

- Experience a set of 10 English or German VPs
- Use VPs for your own training in OM
- Try out VPs for course usage with your students
- Fee of 30 Euros for 1 month course usage as single user




LMU NeTWoRM VP usage as single user

Case name	Topic
Electroplater	- perforation of the nasal septum in a chromate exposed worker - claim for compensation
Running nose and breathlessness fits	- rhinitis and asthma in a baker - allergologic and pulmonologic history
Forestry worker with white fingers	- Hand arm vibration syndrom in forestry worker - effect of vibration on muscoskeletal system
Birmingham Chest Clinics: The retired shop-fitter	- Mesothelioma due to exposure to asbestos - occupational history taking
Breathless	-Occupational asthma, extrinsic alveolitis -Diagnostic procedure in a patient with dyspnea


LMU NeTWoRM VP usage as single user

Case name	Topic
Protection of the unborn child	- Pregnant laboratory assistant - reproductive health and work
Week-end rash	- Rash in a pharmaceutical enterprise worker - technical, personal safety, duties of OH nurses
Workplace Survey	-Workplace survey in a laboratory - legislation concerning workplace surveillance
Enameller's breath	- Respiratory symptoms in an enameller - silicosis
Sensation of numbness in the finger	- Carpal tunnel syndrome in a cashier - ergonomics



LMU NeTWoRM VP usage for your students

- Use NeTWoRM VPs with your students:
 - to broaden knowledge
 - for class assignments / homework
 - as interactive part of your lecture
- Choose the NeTWoRM VPs applicable for your needs
- Receive anonymized or student wise evaluation of VP usage
- Course fee, additional fee for support



LMU NeTWoRM VP usage for your students



Choose your VPs on: http://www.networm-online.eu/index.php?article_id=22

- HOME
- BACKGROUND
- TEAM AND PARTNER
- NEWS
- VIRTUAL PATIENT USAGE
- VIRTUAL PATIENTS EU
- VIRTUAL PATIENTS LA
- NEWSLETTER
- MEETINGS
- LINKS
- FUNDING
- STUDENTS
- CONGRESS / ABSTRACTS
- CONTACT / IMPRINT

Sie befinden sich hier: [Startseite](#) > [VirtualPatients EU](#)

Existing cases (August 2009)

If you are interested in using one or more of the following virtual patients for your students, colleagues or yourself please contact laura.wengenroth@med.uni-muenchen.de

Check out our [demo virtual patients](#).

number	title	language	target group	topic/learning objective	learning objective
N001	A 59 year old male with dyspnoea and cough	EN, DE, ES, ES_CO, PL	medical students	diseases followed by asbestos exposure in a company worker	occupational survey and history taking
N003	27 year old patient with conjunctivitis and rhinitis	EN, DE	medical students, nursing students	labor allergy, rhinitis and asthma in a nurse	allergy and sensitisation; workplace health principles
N004	Electroplater	EN, DE	medical students, CME	perforation of the nasal septum in a chromate exposed worker	claim for compensation for a medical disease
N005	Running nose and breathlessness fits	EN, DE, FR, FI, ES, (CME) ES_CO, RO, PL	medical students	rhinitis and asthma in a baker	allergologic and pulmonologic history and findings
N006	Stomach cramps	EN, DE,	medical students	lead exposure	lead

LMU NeTWoRM VP usage for your students



Receive results of your students' work

Here you can see, which user has worked on which cases. Three result values are arbitrary: Time (minutes) that the user has spent working on the case, rate of correct answers (percent) and the number of finished cards in comparison to the overall number.

User has successfully passed the case User has failed the case User did not work on the case

Show additional information


Search by name:

Search


Filter for group:


Filter

To sort the table please click on the header of a column.

LMU **Joining the NeTWoRM Group** 

- Create your own NeTWoRM VPs
- Constant support by the NeTWoRM coordinator
- Offer your NeTWoRM VPs to other universities
- Regular meetings and updates on NeTWoRM
- NeTWoRM newsletter
- NeTWoRM internal wiki area
- Support the group with your annual fee



LMU **Joining the NeTWoRM Group** 

NeTWoRM Wiki area

[[start]]
NETWORK3 WIKI

Edit this page
Old revisions
Recent changes
Search

Tracer: > members_of_the_networm_group_2010 > congresses_in_2010 > networm_newsletters > start

This the homepage of the new Network3 Wiki! The Network3 Wiki is intended for internal communication only

[Edit](#)

NeTWoRM Group 2010

- Members of the NeTWoRM group 2010
- NeTWoRM newsletters
- NeTWoRM group meetings in 2010
- Congresses in 2010
- Publications in 2010
- **! News posted by partners !**
- **To do:** Considering the NeTWoRM EU meeting on August, 25th please indicate the topics you would like to discuss until August 16th 2010!

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Joining the NetWoRM Group

NetWoRM newsletter

NetWoRM Group Europe

Funding

Stefanie handed in an application for further funding of federal ministry for work and social affairs. We are still waiting for a decision.

New VPs for Epidemiology and Public Health

Currently, Oliver Menzel (medical PhD student) and V student) are working on new VPs for Epidemiology working on VPs concerning the epidemiology of chronic diseases, genetic epidemiology, nutrition, cancer.

The VPs will be in German and English language.



Figure 4: Scene from the new case on occupational epidemiology by Vitzthum



Figure 5: Sus epidemiology Menzel

NetWoRM wiki area

The NetWoRM wiki area was updated and is accessible. Remember, the address is www.klinikum.uni-muenchen.de/Arbeits-und-Umweltmedizinologie-NetWoRM

Please make use of the wiki area and update your experiences considering NetWoRM usage under "News posted by partners" or any material you would like to share. If you feel that a new subcategory is needed, please feel free to do so.

Considering the NetWoRM EU meeting on August, 29th please indicate the topics you would like to discuss until Monday 16th 2010.

Upcoming Conferences / Meetings

NetWoRM Group Meeting, August 29th 2010, 12 a.m. - 5 p.m., Munich, DE

We would like to invite all NetWoRM group partners to participate at this meeting, which will take place the afternoon before the EASOM summer school starts. It will be very important to use this opportunity to meet and discuss further steps of NetWoRM and clarify problems that occurred. Shortly we will provide the details for the meeting!

EASOM Summer School NetWoRM, August 29th - 29th 2010, Herrsching, DE

The EASOM summer school aims on the possibilities of virtual patients in training for GPs. Several models will be presented. Hands-on sessions will help in understanding the concept of virtual patients and support different implementation strategies.

From the NetWoRM team Paul, Kracina, Begona, Flrina, Elena-Ana, Kaga, Stefanie and Laura will take part at the summer school. Tobias Rheude is a student and of the Institute in Munich. He will take part too and is running the organisation for the meeting.

Topics

- Didactical Aspects of virtual patients in Medical Training
- Virtual patient Concepts
- The International NetWoRM Project
- Implementation strategies of virtual patients
- Use of virtual patients of the participants' universities
- "Helping students learn 'heartbreak' subjects - An interactive exercise in teleology"
- Lectures and exercise
- Presentation about e-learning/ virtual patients of participants

For more information:
<http://www.klinikum.uni-muenchen.de/Arbeits-und-Umweltmedizinologie-NetWoRM>
http://www.klinikum.uni-muenchen.de/Arbeits-und-Umweltmedizinologie-NetWoRM/NetWoRM_Summer_School_Summerschool2010/Herrsching.html

The closing date for registration is over. For any questions please contact Tobias Rheude (Tobias.Rheude@med.uni-muenchen.de) and we will see what we can do!

AMEE (an international association for medical education), September 4th - 8th 2010, Glasgow, UK


Stefanie and Inga are going to attend the AMEE conference. Inga will present "Estimation of time efforts for reorganising Virtual Patients - empirical data from the electronic Virtual Patient Project (eVPP)" and Stefanie will present the NetWoRM project.

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Evaluation and improvement of VPs

NetWoRM VPs are constantly monitored:

- Students have the chance to comment on VPs directly → an e-mail is sent to the VP author
- Students have the chance to fill out an evaluation questionnaire for each case
- VPs can be changed easily through an authoring modus of the CASUS platform



**Learn more about NeTWoRM:**

<http://www.networm-online.net/>

Experience available NeTWoRM VPs:

http://www.networm-online.eu/index.php?article_id=22

Contact me for any question:

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