

Aristotle University of Thessaloniki multidiscipline integrated medical knowledge platform

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AIM

The core idea is to unify members of academia, from all disciplines in a common focal point. Faculty members can post online articles for specific subjects of their academic specialty, thus creating the first complete medical knowledge base in Greek, allowing students, health care professionals, and the general public to access medical knowledge. Integration will be accomplished through publishing related articles from overlapping subspecialties, dealing with a specific disease or symptom. Posts will be categorized in sections.

Thus a creation of a constantly updated base will be achieved. We can imagine the interconnection between different topics like a neural network, where there is no single path to reach a destination but there many non-static, interactive and adaptive ways.

Visitors will be filtered either as medical students/health care professionals or general public. Therefore these two categories will be offered different posts according to their medical knowledge background, understandable and readily accessible, ratcheting from easily digestible popular science columns to highly scientific articles.

Complementary articles dealing overlapping fields from pertinent schools (e.g. dentistry, pharmaceuticals, bioengineering etc) will enhance and enrich the base.

Links to doctoral theses of the Aristotle University of Thessaloniki (AUPh) relevant to each section will be provided for further reading.

An AUPh medical knowledge data base is of great importance and its comparative advantages will be:

- Reliability and impartiality

- Comprehensiveness
- Constantly up to date content
- Interactive form with questions and answers
- Non-commercial status
- Open and accessible nature for everyone (students – doctors – general public).

EXAMPLE

Say someone is searching for rhino-sinusitis. The search results will not be confined to a central subject but will suggest broader results from related disciplines such as:

- Anatomy, explaining the bone structures of the nose and the infrastructure of the disease
- Radiology, providing relevant imaging studies
- Otolaryngology, suggesting appropriate treatments, even videos of surgical procedures.

FUTURE PROSPECTS

Provision of a reliable and updated medical knowledge base (for students/health care professionals and general public)

International impact (provided it's translated)

Enhancing the status of AUPh in the scientific community and the general population.

Last but not least it could be the spark plug for boosting a global interest for the University, its scientists and their hosting city and a great advertising opportunity for all the aforementioned parts¹.

REFERENCE

1. Ian Chaston. Knowledge-Based Marketing. Knowledge and the Organisation. Plymouth: SAGE Publications, 2004:2-3.

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