

THE FUTURE IS HEAR: UPDATE ON INDUSTRIAL AND RECREATIONAL NOISE INDUCED HEARING LOSS (NIHL)

Presented by the Department of Communication Pathology, University of Pretoria

21 February 2012



BRIEF DESCRIPTION

This seminar includes the topics of epidemiology, risk factors, physiopathology, diagnostics, legislation, and solutions for industrial and recreational hearing loss.

COURSE OBJECTIVE

1. To gain insight in the physiopathological mechanisms of noise induced hearing loss.
2. To explore prevalence data of noise induced hearing loss both in children/adolescents and in industrial settings (e.g. mining industry).
3. To critically reflect on the current legislation on noise in South Africa.
4. To gain insight in the impact of mp3 players, music festivals and other recreational exposure on the hearing of youngsters.
5. To present state of the art diagnostic techniques for early diagnosis of noise induced hearing loss.
6. To learn how to compile an effective hearing conservation programme.
7. To raise the awareness of the problem of noise induced hearing loss in society.

LEARNING OUTCOME

1. Participants will understand which factors determine the development noise induced hearing loss. They will know which structures are involved and when it starts to develop.
2. Participants will have a full understanding of the different existing diagnostic procedures available for early diagnosis of noise induced hearing loss.
3. Participants will know about the different risk factors for youngsters and adolescents and will be familiar with the theory on individual susceptibility.
4. Participants will know how to compile an effective best-practice hearing conservation program.
5. They will be familiar with the existing legislation on noise induced hearing loss and its shortcomings.

WHO SHOULD ATTEND?

ENT specialists, Audiologists, Occupational Doctors, pediatricians, occupational hygienists, representatives from High Schools, persons involved in Education, Mining Industry and Metal industry.

COURSE FEE (CE at UP IS EXEMPT FROM VAT)

The course fee is R1 000 per person and includes all course notes, refreshments and certification.

PLEASE TURN OVER FOR THE PROGRAMME



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PROGRAMME

07.30 - 08.00	Registration
08.00 - 08.15	Welcome and Introduction
Part 1:	Occupational Noise Induced Hearing Loss
08.15 - 09.00	New Insights in physiology and anatomy of NIHL Prof. Dr. B. Vinck, Head of Department Communication Pathology University of Pretoria, South Africa
09.00 - 09.45	Diagnostic approach in an industrial setting Prof. Dr. B. Vinck, Head of Department Communication Pathology University of Pretoria, South Africa
09.45 - 10.00	Discussions and questions
10.00 - 10.30	Break
10.30 - 11.00	Legislation for Industry and challenges in the South African Mining Industry Pessy Mnisi, Department of Minerals and Resources, South Africa
11.00 - 11.30	Roadmap for a successful hearing conservation policy Erik De Muynck, Senior Consultant, HearingCoach International, Belgium
11.30 - 12.30	Case studies: - Akzo Nobel: awarded 'Best Practice' in Europe Dr. M. Willemsen-Schulpen, Occupational Physician Mr. G. van der Zalm, Occupational Hygienist / Health&Safety Officer Akzo Nobel, The Netherlands
12.30 - 13.30	Lunch
Part 2:	Recreational Noise Induced Hearing Loss
13.30 - 14.15	Epidemiology of recreational hearing loss Prof. Dr. B. Vinck, Head of Department Communication Pathology University of Pretoria, South Africa
14.15 - 15.00	Sources of recreational hearing loss Prof. Dr. B. Vinck, Head of Communications Pathology Department, University of Pretoria, South Africa
15.00 - 15.30	Break
15.30 - 16.00	Case studies; The fight against recreational NIHL in Europe Prof. Dr. B. Vinck, Head of Department Communication Pathology University of Pretoria, South Africa
16.00 - 16.30	HearingCoach Clowns & Stewards: Awareness campaigns for children and youth Tertius Pienaar HearingCoach Africa, South Africa
16.30 - 17.00	Questions and Discussions
17.00	Cocktails and certificate ceremony

REGISTRATION AND ENQUIRIES

Course Coordinator

Agathe Deacon

Tel: 012 420 5015

Cell: 083 704 4426

Fax: 086 636 9052

E-mail: agathe.ce@up.ac.za

ENQUIRIES REGARDING CONTENT

Course Leader

Prof. Bart Vinck

Tel: 012 420 2355

E-mail: bart.vinck@up.ac.za



Prof. Bart Vinck (Course Leader)



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