POST POLIO SYNDROME
– a challenge of today
European Polio Union
- An umbrella organization for polio organizations in Europe

60 percent of all people who have had Polio will develop Post Polio Syndrome. This concerns approximately 700,000 Europeans. EPU strives for all Europeans with Post Polio Syndrome to have the best possibilities to lead full active, independent and integrated lives.

Our objectives are:
- Encourage coordinated research about Post Polio Syndrome
- Create an international web site for data in relation to polio and Post Polio Syndrome
- Produce a validated information bank of positive help to arrest the deterioration of people with Post Polio Syndrome
- Campaign to ensure the need for continued polio-vaccination programs

For further information about EPU or to make a donation, please visit our website: www.europeanpolio.eu
The European Polio Union (EPU) welcomes you to the European Post Polio conference in Copenhagen. EPU wishes with this conference to bring focus on the challenges polio survivors all over the world meet, when they later in life experience pain and a decrease in muscle strength and functional capacity. This conference invites the leading researchers and experts in the field of post polio syndrome, and the conference will give health care professionals a possibility to exchange new research results and to debate relevant topics on a professional level and hopefully spread the knowledge about the problems of polio survivors to the health sector in their countries. We also wish to give polio survivors a possibility to achieve and exchange new knowledge on assessment, treatment and coping and to increase the awareness of post polio syndrome in the political systems.

TARGET GROUP

• Health care professionals: Researchers, specialists in rehabilitation medicine, neurologists and other doctors, physical therapists, occupational therapists, nurses, psychologists, social advisors, orthotists or other professionals, who are involved with or treat polio survivors

• Polio survivors and their relatives

CONFERENCE SITE

Hotel Crowne Plaza Copenhagen Towers
Ørestads Boulevard 114 – 118
DK 2300 Copenhagen S, Denmark

CONFERENCE OFFICE

Merete Bertelsen
mbe@ptu.dk
Tel: +45 36 73 90 44
Hotline August 29 – September 2: +45 23 88 57 14

CONFERENCE ORGANIZER FOR HOTEL ACOMMODATION

International Conference Services
reservations@ics.dk

SCIENTIFIC COMMITTEE

Frans Nollet, MD, The Netherlands
(Chairman)
Kristian Borg, MD, Sweden
Jan Lexell, MD, Sweden
Lise Kay, MD, Denmark
Marianne de Visser, MD, The Netherlands
Antonio Toniolo, MD, Italy
Laura Bertolasi, MD, Italy
Arzu On, MD, Turkey
Alain Yelnik, MD, France
Merete Bertelsen, PT, Denmark
And 2 EPU representatives:
Els Symons, The Netherlands
John McFarlane, Ireland
ACKNOWLEDGEMENTS
The European Polio Union (EPU) and The Danish Society of Polio and Accident Victims (PTU) thank the scientific committee for planning the scientific content of this conference.

EPU and PTU thank all the researchers, who have contributed to the scientific content by giving speeches or by submitting abstracts and presenting posters.

EPU and PTU thank the funds who have supported the conference financially:
Den Georg Bruunske Fond, I.F.Lemvig Müllers Fond, Jascha Fonden,
and the firms who have supported the conference in different ways: Grifols, PHI, Otto Bock, Jan Nielsen, Sahva, Fior & Gentz, Camp Scandinavia, Pfizer, Bus company Harbirk and Formuepleje.

DISCLAIMER
The organizing committee and ICS accept no liability for any injuries/losses incurred by participants and/or accompanying persons, nor loss of, or damage to, any luggage and/or personal belongings.
Combining expertise

Grifols and Talecris have embarked on a new and exciting era in the development and production of plasma-derived protein therapies. The newly energized Grifols will build upon our companies’ respective 70-year histories of innovation and scientific expertise to bring expanded therapeutic options and innovative healthcare solutions to patients worldwide.
INVITED SPEAKERS

Alain Yelnik MD, France
Alice Bickerstaffe MD, The Netherlands
Anders Stenström MD, Sweden
Anita Beelen PhD, The Netherlands
Anna-Lene Hartvigsen PT, Denmark
Anna Lisa Thoren Jönsson OT, Sweden
Antonio Toniolo MD, Italy
Arzu On MD, Turkey
Barbara Bocker MD, Germany
Carin Willén PT, Sweden
Claus Vinther Nielsen MD, Denmark
Deidre Murray PT, Ireland
Elisabeth Farbu MD, Norway
Eric Voorn MSc, The Netherlands
Esther Boserup PTU, Denmark
Fieke Koopmann MD, The Netherlands
Frans Nollet MD, The Netherlands
Gunilla Östlund Psych, Sweden
Holger Kallehauge PTU, Denmark
Irene Tersteeg MD, The Netherlands
Jan Lexell MD, Sweden

Joan Headley Director PHI, USA
John McFarlane, Chair PPSG, Ireland
Julide Oncu MD, Turkey
Karen Schipper Psychologist, The Netherlands
Katharina Sunnerhagen MD, Sweden
Kees Noppe Orthotist, The Netherlands
Kirsten Avlund OT, Denmark
Kjeld Møller Pedersen health economist, Denmark
Kristian Borg MD, Sweden
Laura Bertolasi MD, Italy
Lise Kay MD, Denmark
Marianne de Visser MD, The Netherlands
Merel Brehm PhD, The Netherlands
Michael Laub MD, Denmark
Peter Bundgaard Rotary, Denmark
Rebecca Martin, WHO
Selma Calmes MD, USA
Sylvi Salomonsen RTP, Sweden
Svend Prytz MD, Denmark
Troels Staehelin Jensen MD, Denmark

MD: Medical doctor
PT: Physical therapist
OT: Occupational therapist
Msc: Master of Science
PTU: Danish Society of Polio and Accident Victims
RTP: The Swedish Association for Survivors of Accident and Injury
PPSG: Post Polio Support Group
WHO: World Health Organization
DIVIDED SESSIONS FOR POLIO SURVIVORS AND PROFESSIONALS

Some of the sessions at the conference will be primarily for polio survivors or primarily for health care professionals. It will mainly be the same topics in the track for polio survivors and for the health care professionals. The purpose of the division is, that we want the information for polio survivors to be held in an understandable language for non professionals. These sessions will be translated in to Danish, French and German. The sessions for health care professionals will be in a medical language and the sessions will give the professionals an opportunity to discuss and exchange knowledge on a professional level. The sessions for health care professionals will be held in English only.

The programme may change because of unforeseen incidents.

VIDEOS

Videos from speeches in the track primarily for polio survivors will be available on www.informed-scientist.org and through a link on the conference website (www.polioconference.com) and from EPUs website (www.europeanpolio.eu) two weeks after the conference.

READING THE PROGRAMME

COLOUR CODES

<table>
<thead>
<tr>
<th>Colour</th>
<th>Description</th>
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<tbody>
<tr>
<td>Yellow</td>
<td>Session for all participants</td>
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<tr>
<td>Blue</td>
<td>Session primarily for polio survivors</td>
</tr>
<tr>
<td>Green</td>
<td>Session primarily for health care professionals</td>
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<tr>
<td>Purple</td>
<td>Social events</td>
</tr>
<tr>
<td>Gray</td>
<td>Registration, breaks, exhibition and poster viewing</td>
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</tbody>
</table>

TOPIC NUMBERS

Numbers in front of topics refer to summary numbers in Supplement of Journal of Rehabilitation Medicine 2011; Suppl. 49.

LOCATIONS:

Basement floor: Everest 1 & Everest 2
2nd floor: Loch Ness & Lake Geneva

REGISTRATION & INFORMATION

Registration and information take place in the hotel reception.

Opening hours:
Wednesday 08.30 - 16.45
Thursday 08.30 - 9.00 and in breaks
Friday 08.30 - 9.00 and in breaks
<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>9.00 - 10.00</td>
<td>Registration from 8.30/ Coffee</td>
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<tr>
<td>10.00 - 10.30</td>
<td>Opening ceremony</td>
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<tr>
<td>10.30 - 12.00</td>
<td>Recent research and initiatives</td>
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<tr>
<td>12.00 - 13.00</td>
<td>Lunch</td>
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<tr>
<td>13.00 - 14.30</td>
<td>Pathophysiology, Pharmacological research and treatment</td>
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<tr>
<td>14.30 - 15.00</td>
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<tr>
<td>15.00 - 16.30</td>
<td>Pathophysiology, Pharmacological research and treatment</td>
</tr>
<tr>
<td>16.40</td>
<td>Coffee</td>
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<td>18.00</td>
<td>18.00: Reception at City Hall of Copenhagen</td>
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**FRIDAY / SEPTEMBER 2nd**

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<th>Time</th>
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<tr>
<td>9.00 - 10.00</td>
<td>Registration from 8.30/ Coffee</td>
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<td>10.00 - 10.30</td>
<td>Recent research</td>
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<td>10.30 - 12.00</td>
<td>Lunch</td>
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<tr>
<td>12.00 - 13.00</td>
<td>Lunch</td>
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<tr>
<td>13.00 - 14.30</td>
<td>Exhibition / poster viewing</td>
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<td>14.30 - 15.00</td>
<td>Coffee</td>
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<tr>
<td>15.30:</td>
<td>Sightseeing in Copenhagen by bus (2.5 hours)</td>
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**THURSDAY / SEPTEMBER 1st**

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<th>Time</th>
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<tr>
<td>9.00 - 10.00</td>
<td>Registration from 8.30/ Coffee</td>
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<td>10.00 - 10.30</td>
<td>Recent research</td>
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<td>10.30 - 12.00</td>
<td>Lunch</td>
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<td>12.00 - 13.00</td>
<td>Lunch</td>
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<td>13.00 - 14.30</td>
<td>Exhibition / poster viewing</td>
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<td>14.30 - 15.00</td>
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<td>15.00 - 16.30</td>
<td>Exhibition / poster viewing</td>
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<tr>
<td>16.40</td>
<td>Coffee</td>
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<tr>
<td>18.00</td>
<td>19.30: Dinner at Hotel Crowne Plaza</td>
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**WEDNESDAY / AUGUST 31st**

<table>
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<tr>
<th>Time</th>
<th>Activity</th>
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<tr>
<td>9.00 - 10.00</td>
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<tr>
<td>10.00 - 10.30</td>
<td>Recent research</td>
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<td>Coffee</td>
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<tr>
<td>18.00</td>
<td>18.00: Reception at City Hall of Copenhagen</td>
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3 weeks rehabilitation in Copenhagen

PTU Rehabilitation Center offers specialized multidisciplinary rehabilitation treatment for persons with polio and other physical disabilities.

The 3 week program comprises:

- Assessment and treatment by neurologist, physiotherapist, occupational therapist, psychologist
- Individualized exercising programme
- Group exercises sessions
- Technical aids counseling
- Exercise and relaxation in warm pool
- Free access to the training facilities
- Free use of technical aids
- Free use of massage chair
- Accommodation and all meals

For more information visit our website: www.ptu.dk/english

or contact PTU:
mail: ptu@ptu.dk / phone: +45 3673 9000

PTU The Danish Society of Polio and Accident Victims Fjeldhammervej 8, 2610 Rødovre, Copenhagen, Denmark
### WEDNESDAY AUGUST 31st 2011

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Moderators</th>
</tr>
</thead>
<tbody>
<tr>
<td>08.30 - 10.00</td>
<td>REGISTRATION / COFFEE</td>
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<tr>
<td>10.00 - 10.40</td>
<td>OPENING CEREMONY IN PLENARY</td>
<td>Everest 1 &amp; 2</td>
<td>Welcoming by President of PTU, HOLGER KALLEHAUGE; President of EPU, JOHAN BIJTEBIE &amp; the Danish health minister BERTEL HAARDER</td>
</tr>
<tr>
<td>10.40 - 12.00</td>
<td>GENERAL PERSPECTIVES ON POLIO</td>
<td>Everest 1 &amp; 2</td>
<td>Moderators: KRISTIAN BORG &amp; HOLGER KALLEHAUGE</td>
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<tr>
<td></td>
<td>1: Progress of the eradication of polio from WHO’s perspective</td>
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<td>REBECCA MARTIN, WHO</td>
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<td></td>
<td>2: The story behind the polio eradication campaign</td>
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<td>PETER BUNDGAARD, ROTARY</td>
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<td></td>
<td>3: Post polio syndrome, overview of current knowledge</td>
<td></td>
<td>FRANS NOLLET, MD</td>
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<tr>
<td>12.00 - 13.00</td>
<td>LUNCH &amp; EXHIBITION / POSTER VIEWING</td>
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<tr>
<td>13.00 - 14.30</td>
<td>INTERNATIONAL NETWORKING</td>
<td>Everest 1</td>
<td>Moderators: ELS SYMONS &amp; AADIE DE GROOT</td>
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<td>4: Improving worldwide networking to improve the lives of all survivors</td>
<td></td>
<td>JOHAN BIJTEBIE, PRESIDENT OF EPU &amp; JOAN HEADLEY, DIRECTOR OF PHI</td>
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<tr>
<td>14.30 - 15.00</td>
<td>COFFEE &amp; EXHIBITION / POSTER VIEWING</td>
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<td>15.00 - 16.30</td>
<td>PATHOPHYSIOLOGY, PHARMALOGICAL RESEARCH &amp; TREATMENT</td>
<td>Everest 2</td>
<td>This session is sponsored by GRIFOLS</td>
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<td></td>
<td>5: Pathogenesis of PPS and persistence of poliovirus genomes</td>
<td></td>
<td>ANTONIO TONIOLO, MD</td>
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<td></td>
<td>6: Research methodology</td>
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<td>FIEKE KOOPMANN, MD</td>
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<td></td>
<td>7: Pharmacological treatment &amp; medical precautions</td>
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<td>KRISTIAN BORG, MD</td>
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<td></td>
<td>8: Personal experience with IVIG treatment</td>
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<td>ESTHER BOSERUP</td>
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<tr>
<td>18.00 - 19.00</td>
<td>RECEPTION AT CITY HALL OF COPENHAGEN</td>
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<td></td>
<td>11: Treatment for PPS: Results from a Cochrane review</td>
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<td>FIEKE KOOPMANN, MD</td>
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<td>12: Revised ERNS guidelines for diagnosis and management of PPS</td>
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<td>ELISABETH FARBU, MD</td>
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<tr>
<td></td>
<td>9: Pathogenesis of PPS and persistence of poliovirus genomes</td>
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<td>ANTONIO TONIOLO, MD</td>
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<td>10: Immune modulation and a potential biomarker</td>
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<td>KRISTIAN BORG, MD</td>
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<td>13: Diagnostic tools</td>
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<td>LAURA BERTOLASIS, MD</td>
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<td>14: Electrodiagnostic studies: What, When, Why, Why not?</td>
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<td>ARZU ON, MD</td>
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<td>15: Differential diagnosis</td>
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<td>MARIANNE DE VISSER, MD</td>
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<td></td>
<td>16: Rehabilitation assessment</td>
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<td>FRANS NOLLET, MD</td>
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**Notes:**
- **Track 1:** For Polio Survivors
- **Track 2:** For Health Care Professionals
<table>
<thead>
<tr>
<th>Time</th>
<th>Track 1: For Polio Survivors / Location: Everest 1 / with translation</th>
<th>Track 2: For Health Care Professionals / Location: Everest 2</th>
<th>Track 3: For Health Care Professionals / Location: Loch Ness / 2nd floor</th>
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</thead>
<tbody>
<tr>
<td>09.00 – 10.00</td>
<td><strong>Recent Research &amp; Initiatives</strong>&lt;br&gt;Moderators: Aadje de Groot &amp; Kristian Borg&lt;br&gt;20: Cycle to walk polio eradication / Ramesh Ferris&lt;br&gt;17: Australia’s polio health and wellness retreat / Mary-Ann Liethof&lt;br&gt;18: The warm embrace of peer support / Anne Shanahan&lt;br&gt;19: Disuse osteoporosis in the patients with post polio syndrome / Julide Öncü, MD</td>
<td><strong>Recent Research</strong>&lt;br&gt;Moderators: John McFarlane &amp; Judith Glasner&lt;br&gt;33: A needs based Rasch standard quality of life scale / Allan Tennant, MD&lt;br&gt;34: An exploration of different coping strategies / Carolyn Young, Psychologist&lt;br&gt;35: Never second best? Shaping and reconstruction of identity / A.K. Scanke, Psychologist&lt;br&gt;36: Factors influence the quality of life of poliomyelitis / Anita Atwal, OT</td>
<td><strong>Recent Research</strong>&lt;br&gt;Moderators: Antonio Toniolo &amp; Fieke Koopman&lt;br&gt;44: Resistance training in combination with IVIG treatment / Katarina Skough, PT&lt;br&gt;45: Intravenous immunoglobulin for post polio syndrome / Laura Bertolasi, MD&lt;br&gt;46: Physiotherapy as part of a multi-disciplinary rehabilitation / Susse Broberg, PT&lt;br&gt;47 Home ventilator user survey / Barbara Rogers</td>
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<td></td>
<td><strong>Symptoms &amp; Management 1</strong>&lt;br&gt;Moderators: Lise Kay &amp; Holger Kallehauge&lt;br&gt;21: Orthopedic surgery in polio survivors / Anders Stenström, MD&lt;br&gt;22: Anesthesia issues for polio survivors / Selma Calmes, MD&lt;br&gt;23: Respiration and sleep / Michael Laub, MD&lt;br&gt;24: Speech and swallowing / Svend Prytz, MD</td>
<td><strong>Outcome Measures</strong>&lt;br&gt;Moderators: Marianne de Visser &amp; Arzu On&lt;br&gt;37: International classification of functioning, disability and health / Frans Nollet, MD&lt;br&gt;38: Muscle strength measurement / Anita Bieelen, PhD&lt;br&gt;39: Outcome measures for fatigue / Gunilla Östlund, Psychologist&lt;br&gt;40: Outcome measures for pain / Troels Stæhelin Jensen, MD&lt;br&gt;41: Outcome measures for physical functioning / Merel Brehm, OT&lt;br&gt;42: Outcome measures for participation and quality of life / Katharina Sunnerhagen, MD</td>
<td><strong>Aging</strong>&lt;br&gt;Moderators: Julide Öncü &amp; Laura Bertolasi&lt;br&gt;48: General perspectives of aging / Kirsten Avlund, OT&lt;br&gt;32: Participation in society / Jan Lexell, MD&lt;br&gt;27: Impact of comorbidity, aging and lifestyle-related factors in polio survivors / Irene Tersteeg, MD&lt;br&gt;31: Psychological aspects of polio survivors through their life experience / Alain Yelnik, MD</td>
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<tr>
<td>10.00 – 10.30</td>
<td><strong>Coffee &amp; Exhibition / Poster Viewing</strong></td>
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<td>Questions and Discussion</td>
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<td>10.30 – 12.00</td>
<td><strong>Symptoms &amp; Management 1</strong>&lt;br&gt;Moderators: Lise Kay &amp; Holger Kallehauge&lt;br&gt;21: Orthopedic surgery in polio survivors / Anders Stenström, MD&lt;br&gt;22: Anesthesia issues for polio survivors / Selma Calmes, MD&lt;br&gt;23: Respiration and sleep / Michael Laub, MD&lt;br&gt;24: Speech and swallowing / Svend Prytz, MD</td>
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<td>Time</td>
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<td>Speakers</td>
<td>Moderator(s)</td>
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<tr>
<td>13.00</td>
<td>SYMPTOMS &amp; MANAGEMENT 2</td>
<td>25: Fatigue - Symptoms and management / GUNILLA ÖSTLUND, MD</td>
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<td>26: Pain in polio survivors / KATHARINA SUNNERHAGEN, MD</td>
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<td>27: Impact of comorbidity, aging and lifestyle-related factors in polio survivors / IRENE TERSTEEG, MD</td>
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<td>28: Voiding and bowel problems / LISE KAY, MD</td>
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<td>14.30</td>
<td>COFFEE &amp; EXHIBITION / POSTER VIEWING</td>
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<tr>
<td>15.00</td>
<td>SYMPTOMS &amp; MANAGEMENT 3</td>
<td>29: Falls among polio survivors / ALICE BICKERSTAFFE, MD</td>
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<td>30: Exercising for polio survivors / DEIDRE MURRAY, PT</td>
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<td>31: Psychological aspects of polio survivors through their life experience / ALAIN YELNIK, MD</td>
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<td>32: Participation in society / JAN LEXELL, MD</td>
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<tr>
<td>16.40</td>
<td>FILM: THE EPIDEMIC</td>
<td>I don’t remember anything, but I’ll never forget / Location: Lake Geneva, 2nd floor / 16.40 - 17.40</td>
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<td>The film director NIELS FRANDSEN will present the film, and he will be ready for questions and debate after the screening.</td>
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<td>See page 14 for a description of the film</td>
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<tr>
<td>19.30</td>
<td>DINNER AT HOTEL CROWNE PLAZA / PRICE: 70 EURO / Location: Everest 1 &amp; 2</td>
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<tr>
<td>13.30</td>
<td>MOBILITY</td>
<td>28: Voiding and bowel problems / LISE KAY, MD</td>
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<td>25: Fatigue - Symptoms and management / GUNILLA ÖSTLUND, MD</td>
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<td>26: Pain in polio survivors / KATHARINA SUNNERHAGEN, MD</td>
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<td>43: Managing the complexity in daily occupations / ANNA LISA THOREN JONSSON, OT</td>
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<tr>
<td>14.30</td>
<td>EXERCISING</td>
<td>29: Falls among polio survivors / ALICE BICKERSTAFFE, MD</td>
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<td>51: Role of exercise / CARIN WILLEN, PT</td>
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<td>52: Role of aerobic exercises / JULIDE ÖNCÜ, MD</td>
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<td>53: How to target aerobic exercise training in polio survivors / ERIC VOORN, MSC</td>
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<td>16.40</td>
<td>NETWORKING FOR HEALTH CARE PROFESSIONALS / 16.40 - 18.00 / Location: Loch Ness, 2nd floor</td>
<td>HOW CAN WE CREATE A NETWORK IN EUROPE FOR HEALTH CARE PROFESSIONALS?</td>
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<td>HOW CAN WE SPREAD THE KNOWLEDGE ABOUT POLIO AND POST POLIO SYNDROME TO OTHER HEALTH CARE PROFESSIONALS?</td>
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<td>COME AND CONTRIBUTE WITH YOUR IDEAS.</td>
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FRIDAY  SEPTEMBER 2nd 2011

| 09.00 – 10.00 | ORTHOTICS / with translation / location: Everest 1  
Moderators: FRANS NOLLET & MORTEN FENGER  
54: Orthosis management / Dr. BARBARA BOCKER, MD  
55: Light weight full contact carbon leg orthoses / KEES NOPPE, ORTHOTIST |
|---------------|--------------------------------------------------------------------------------|
|               | RECENT RESEARCH / location: Everest 2  
Moderators: JAN LEXELL & SUSSE BROBERG  
56: Evaluation of the function of pelvic floor muscles / MIRCA OCANHAS, PT  
57: Natural history the poliomyelitis and post polio syndrome in Brazil / ABRAHAO QUADROS, PT  
58: Fatigue in patients with post polio syndrome / ANITA BEELEN, PhD  
59: Experiences in daily occupations of immigrants with late effects of post polio / IOLANDA TAVARES, OT |
| 10.00 – 10.30 | COFFEE & EXHIBITION / POSTER VIEWING |
| 10.30 – 12.00 | REHABILITATION / Plenary session / location: Everest 1 & 2  
Moderators: GUNNAR GRIMBY & ALAIN YEKNIK  
60: Rehabilitation in a public health perspective / CLAUS VINTHER NIELSEN, MD  
61: Interdisciplinary teamwork / JAN LEXELL, MD  
62: The value of investigating patient perspectives / KAREN SCHIPPER, PSYCHOLOGIST  
63: Patient journey – My life with polio / SYLVI SALOMONSEN, POLIO SURVIVOR |
| 12.00 – 13.00 | LUNCH & EXHIBITION / POSTER VIEWING |
| 13.00 – 15.00 | AWARENESS OF POST POLIO SYNDROME IN THE POLITICAL AND SOCIAL SYSTEM / Plenary session / location: Everest 1 & 2  
Moderators: ROS SINCLAIR & PHILIP RENDTORFF  
64: Post polio syndrome policy in the EU / HOLGER KALLEHAUGE, PRESIDENT OF PTU  
65: Disability in the political arena / JOHN McFARLANE  
66: Cost effectiveness / KJELD MØLLER PEDERSEN, HEALTH ECONOMIST |
|               | Questions and discussion |
|               | Summary of the conference / FRANS NOLLET, MD  
Closure / JOHAN BIJTTEBIER, PRESIDENT OF EPU |
FILM:
The EPIDEMIC - I don’t remember anything, but I’ll never forget

THURSDAY SEPTEMBER 1st 2011 / 16.40 – 17.40 /
Location: Lake Geneva, 2nd floor

In 1952 Denmark was in the throes of a polio epidemic. More than 6,000 people caught the disease, most of them children. Niels Frandsen, now a film director, was one year old when his hips and legs were affected. In this poetic film essay he returns to the fateful period that he cannot remember, but will never forget. His parents, his sister, and archive footage help him to furnish words and images for a personal account that is also a historical record. Today polio has been eradicated from Denmark, but several thousand people still live with the ravages it caused. The film has won several prizes all over the world.

The film director Niels Frandsen will present the film and he will be ready for questions and debate after the screening.

LANGUAGE
The film is in Danish with English subtitles. The film can be shown with other language subtitles after the English version, depending on which nationalities are present.
POSTER PRESENTATIONS

Numbers refers to summaries in supplement of Journal of Rehabilitation Medicine 2011; Suppl. 49: 1 - 64

**SUMMARY 67**: Analyses of sleep characteristics in Post-Polio Syndrome Patients  
Tatiana Mesquita e Silva, PT

**SUMMARY 68**: Comparison of self-reported fatigue in Post-Polio Syndrome patients and age matched controls  
Charlotte Lucy Taylor, Honorary Research Assistant

**SUMMARY 69**: New muscle weakness in the subclinically involved limbs in patients with poliomyelitis  
Arzu Yagiz On, MD, Professor

**SUMMARY 70**: Relationship between lower limb muscle strength and gait performance in persons with post-polio syndrome  
Ulla-Britt Flansbjer, PhD, RPT; Christina Brogårdh, PhD, RPT; Jan Lexell, PhD, MD

**SUMMARY 71**: Relationships between objectively and subjectively assessed gait performance in persons with post-polio syndrome  
Christina Brogårdh, PhD, PT, RPT

**SUMMARY 72**: The WHOQOL-BREF provides a valid measure of Quality of Life in Post Polio Syndrome (PPS)  
Dr. Ian Pomeroy, Neurologist

**SUMMARY 73**: Post-polio syndrome and amyotrophic lateral sclerosis – similarities, differences and diagnostic dilemmas  
Ewa Matyja, PhD, MD; Milena Laure-Kamionowska, MD

**SUMMARY 74**: Validity and reliability of the Turkish version of Fatigue Severity Scale and Fatigue Impact Scale for Post Polio Syndrome  
Julide Oncu, MD, Specialist on PM&R

**SUMMARY 75**: Concept of an interdisciplinary polio modul programme and therapy for polio  
Ruetz Axel, MD

**SUMMARY 76**: Benefits and Techniques of Aquatic Therapy  
Cynthia Henley, PT; Kathryn Wollam, PT

**SUMMARY 77**: Disabilities and working situation of immigrant with post-polio syndrome  
Linda Hou, PhD, MD

**SUMMARY 78**: Experience with Younger Patients in a Post-Polio Clinic: A Case Series  
Judith Glaser, DO, Physician

**SUMMARY 79**: Prescription of and satisfaction with the use of lower limb orthotic devices in persons with post-polio syndrome  
Christina Espelund, RPT, MSc

**SUMMARY 80**: A guideline for the orthotic management in patients with severe weakness or paralysis of the lower extremities  
Merel Brehm, PhD, Senior investigator

**SUMMARY 81**: Energy cost of Walking in Prior-polio Patients  
Deirdre Murray, Clinical Specialist, PT

**SUMMARY 82**: Exercise therapy and cognitive behavioural therapy in Postpoliomyelitis Syndrome: The FACTS-2-PPS study  
Fieke Koopman, MSc

**SUMMARY 83**: Voiding problems in a Danish population of polio survivors  
Lise Kay, MD; Merete Bertelsen, PT
SUMMARY 84: Reported problems in relation to operation and anesthesia in a Danish population of polio survivors
Lise Kay, MD; Merete Bertelsen, PT

SUMMARY 85: Ventilatory threshold in PPS patients
Anita Beelen, PhD, Manager Research

SUMMARY 86: Results of 5-years of Lamotrigine treatment in patients with Post Polio Syndrome
Arzu Yagiz On, MD, Professor of PM&R

SUMMARY 87: Fractures in an aging population poliomyelitis survivors- Experience of the Post-Polio clinic in Israel
Alex Shapira, MD

SUMMARY 88: An exploration of fatigue from the perspective of people with Post Polio Syndrome
Samantha M Wong, Assistant Psychologist

SUMMARY 89: An exploration of the impact of Post Polio Syndrome on needs based quality of life
Anne-Marie C. Quincey, Assistant Psychologist

SUMMARY 90: A positive turning point in life. Experiences of a comprehensive interdisciplinary rehabilitation programme in persons with post-polio syndrome
Jan Lexell, PhD, MD, Physician

SUMMARY 91: Self-perceived impairments in persons with post-polio syndrome
Jan Lexell, PhD, MD, Physician

SUMMARY 92: Self-perceived participation restrictions in persons with post-polio syndrome before and after interdisciplinary rehabilitation
Jan Lexell, PhD, MD, Physician

SUMMARY 93: Occupations that persons with post-polio syndrome perceive difficult to perform in their daily life
Katja Appelin, Occupational Therapist, MSc

SUMMARY 94: A Brief History of Post-Polio in The United States
Lauro S. Halstead, MD

SUMMARY 95: Post Polio Syndrome in British Columbia, Canada
Joan Toone, President PPASS, BC

SUMMARY 96: Polio Services Victoria: An Australian Approach to Effective Care for Polio Survivors through a "Hub and Satellite" Model.
Blaise Doran, BSc (Hons), PT

SUMMARY 97: A Sociological Study: Failure of Polio Eradication Programme in India.
Ehtesham Akthar, MD, research scholar

SUMMARY 98: Post-Polio Syndrome: Situation in Spain and proposals for action
Jose M. Amate, PhD *; Carmen Bouza, PhD *; Zuleika Saz-Parkinson, PhD *; Maayken Van Den Berg, PhD #; Juan M. Castellote, PhD
SOCIAL EVENTS

CITY HALL RECEPTION

Wednesday August 31st  at 18.00
The free City Welcome Reception takes place at Copenhagen City Hall and is arranged by the municipality of Copenhagen. They will serve the famous City Hall pancakes. Please register to this reception in the registration of the conference. Kindly bring your ticket received in the conference bag. Participants who have registered for shuttle bus will be transported to the City Hall at 17.00 from Hotel Crowne Plaza. Non disabled participants can take the train to Copenhagen Central Station and walk 5 minutes to the City Hall.

Please note that there is no shuttle bus back to the hotels.

Return to hotels:
- Hotel Crowne Plaza:
  Take the train from Copenhagen Central Station to Ørestad Station (Direction: Malmø). The train is wheelchair accessible.
- Hotel Clarion:
  Take bus number 30 from the Central Station
- Hotel Wake UP:
  Walk to Tietgensgade at the end of Tivoli Gardens and take bus number 11 A. Or you can walk – it is a 16 minutes walk
- Hotel DGI Byen:
  It is 12 minutes walk

Taxi for electric wheel chairs: Daniels Taxi, Tel: +45 40 82 45 06 (390 Danish kr. for the first 15 km + 60 kr. for each additional wheelchair user).
Regular taxi: Tel: +45 35 35 35 35

CONFERENCE DINNER

Thursday September 1st at 19.30 in Everest at Hotel Crowne Plaza Copenhagen Towers
A memorable highlight of the congress will be the Congress Dinner, that provides an ideal opportunity to mingle and meet other colleagues and polio survivors. The dinner includes 2 courses, coffee and either 2 glasses of wine, 2 beers or 2 soft drinks. More beverages can be bought in the cash bar. Tickets for the dinner can be bought when registering for the conference or at service desk, if tickets still are available. PRICE: 70 EURO

SIGHTSEEING IN COPENHAGEN BY BUS

Friday September 2nd at 15.30 to 18.00
Departure from congress venue and drop off at the 4 hotels mentioned at the registration site. Tickets can be bought when you register. PRICE: 35 EURO
HOW TO REACH THE CONFERENCE VENUE

VENUE:
Hotel Crowne Plaza Copenhagen Towers
Ørestads Boulevard 114 – 118
DK 2300 Copenhagen S, Denmark,
Tel: +45 88 77 66 55
www.cpcopenhagentowers.dk

The main entrance is on the back on Ove Arups vej. Parking is under the hotel. 50 % discount for conference participants. For high cars contact the reception. Hotel Crowne Plaza Copenhagen Towers is located 150 meters from Ørestad Station.

FROM COPENHAGEN AIRPORT:
Take the train at the end of terminal 3 from platform 2 to Ørestad Station. (It is 2 stops and the destination of the train is Helsingør). The train is wheelchair accessible. There is a free airport shuttle bus between the terminals / see www.cph.dk.

If you are staying at the Hotel Crowne Plaza, there is a free shuttle bus to the hotel between 06.00 and 23.00. Contact the “Sixt Car Rental” in terminal 3, where you can order the transportation. Alternatively take a taxi, which takes 5 minutes. Taxi which can take an electrical wheel chair can be ordered at Daniels Taxi, Tel: +45 4082 4506 (390 kr. for the first 15 km + 60 kr. for each additional wheel chair user).

FROM COPENHAGEN CENTRAL STATION:
Take the train to Ørestad Station. It is the first stop and the destination of the train is Malmø. The train is wheelchair accessible.

PUBLIC TRANSPORTATION
You can buy tickets in ticket machines at all stations. If you will be travelling by train, bus or metro more than 5 times, you should buy a 10 trip ticket (“blåt klippekort”) / 140 kr, which is valid for 2 zones for one hour. Remember to validate your ticket in the yellow machine on the platform/ in the bus. There is a map on the machine, where you can count how many zones your trip will pass (for 4 zones validate your ticket two times etc). There are 2 zones from the venue to Copenhagen city. The 10 trip ticket can be used by several people.