

Musculo-Skeletal Oncology and
the 2nd ISG/SSG meeting

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June 10–13, 2003

Final program

Preface

We wish all members of the Italian and Scandinavian Sarcoma Groups heartily welcome to our 2nd joint meeting in Gothenburg, June 10-13, 2003. Our collaboration started with the introduction of two comprehensive treatment and research protocols (ISG/SSG I and II) for high-grade osteosarcoma of the extremities (localized disease and metastatic relapse) and for metastatic pelvic osteosarcoma the 1st of March 1997. The 1st of June 1999 we introduced together the ISG/SSG III and IV protocols for treatment of non-metastatic and high-risk Ewing's family tumors. The results of these four protocols will be presented during the meeting.

The musculo-skeletal oncology meeting on Wednesday the 11th of June will be opened by a Bertil Stener memorial lecture entitled "Three decades of experience with limb salvage" given by W. Enneking, Gainesville, Florida. A symposium entitled "Difficult bone surgery (spine, sacrum and pelvis)" under the chairmanship of M. Mercuri, Bologna will follow the lecture.

The Johan Jansson foundation lecture will be held by A. Eggermont, Rotterdam entitled "TNF α -based isolated limb perfusion for locally advanced soft tissue sarcoma: 12 years of antivascular therapy in the clinic and new developments in the laboratory". Three symposia will be held entitled "Local treatment in locally advanced musculo-skeletal tumor disease, The future for amputees and Soft tissue tumors". We like to express our great thanks to B. Gunterberg, Gothenburg for all the years he has worked as an outstanding orthopedic surgeon in his own institution at the Sahlgren University Hospital in collaboration with the Scandinavian Sarcoma Group tumor centres and internationally.

Thursday the 12th of June 2003 is concentrated on ISG/SSG projects, presentation of new studies and ideas from ISG and SSG, free papers and a poster session. During this day P. Bruzzi, Genova will give the Alberto Azzarelli memorial lecture discussing the "Methodological problems for clinical trials in rare tumors".

The meeting will end with a poster review session and a joint meeting between the Italian Sarcoma Group and the Scandinavian Sarcoma Group.

We hope that all ISG and SSG members further deep our collaboration for the future in a summer like environment of Gothenburg.

Thor A Alvegård
*Chairman of the
Scandinavian Sarcoma Group*

Piero Picci
*Chairman of the
Italian Sarcoma Group*

Henrik Bauer
*Chairman of the
Scandinavian Sarcoma Group*

Tuesday June 10, 2003

- 15.00-16.30 SSG Board meeting, *room: Ullevi*
- 17.00-18.00 Registration, *outside room Ullevi*
- 18.00-19.00 Reception, *room: Avenyn*

Wednesday June 11, 2003

- 07.00-08.00 *Breakfast*
- 07.00-08.00 Registration, *outside room Ullevi*
- 08.00 Introduction, *room: Taube*
B. Gunterberg, Gothenburg, P. Picci, Bologna, T.A. Alvegård, Lund
- 08.10-09.00 Bertil Stener Memorial Lecture**
Introduction: B. Gunterberg, Gothenburg
- L1 Three decades of experience with limb salvage
W. Enneking, Gainesville, Florida
- 09.00-10.30 Difficult bone surgery (spine, sacrum and pelvis)**
Chairmen: M. Mercuri, Bologna, O. Brosjö, Stockholm
- 09.00 L2 Resection of the spine for tumors
B. Gunterberg, Gothenburg
- 09.20 L3 Pelvic reconstruction
R. Capanna, P. De Biase, P. Caldora, D.A. Campanacci, Florence
- 09.40 L4 Function after surgery for sacral tumors
P. Bergh, B. Gunterberg, Gothenburg
- 10.00 L5 Surgical treatment for tumors of the cervical spine
R. Biagini, R. Casadei, S. Boriani, M. Laus, P. Parisini, L. Favale, N. Salducca, Bologna, F. Erba, Rome, C. Errani, E. Staals, P. Picci, M. Mercuri, Bologna
- 10.20 Discussion
- 10.30-11.00 *Coffee*
- 11.00-12.00 The Johan Jansson Foundation Lecture**
Introduction
Ö. Berlin, Gothenburg

- L6 TNF α -based isolated limb perfusion for locally advanced soft tissue sarcoma: 12 years of antivascular therapy in the clinic and new developments in the laboratory
A. Eggermont, Rotterdam
- 12.00-13.00** **Local treatment in locally advanced musculo-skeletal tumor disease**
Chairmen: A. Gronchi, Milan, G. Follerås, Oslo
- 12.00 L7 The Rizzoli experience in megaprotheses: function and long-term results
M. Mercuri, P. Ruggieri, N. Fabbri, A. Ferraro, M. De Paolis, N. Salducca, M. Macchiagodena, C. Errani, E. Pasini, M. Gigli, Bologna
- 12.15 L8 Resection - arthrodesis of the shoulder. Long-term results and function
B. Gunterberg, Gothenburg
- 12.30 L9 Autobiological reconstruction with preserved joint function after surgical treatment of bone sarcomas in children
Ö. Berlin, P. Bergh, B. Gunterberg, J. Lundberg, H. Mark, Gothenburg
- 12.45 L10 Preoperative radio- and chemotherapy in soft tissue sarcomas: rationale and feasibility study preliminary to the Italian Sarcoma Group neo-adjuvant protocol
S. Frustaci, Aviano, F. Gherlinzoni, Gorizia, A. De Paoli, Aviano
- 13.00–14.00 Lunch*
- 14.00-15.00** **The future for amputees**
Chairman: H. Bauer, Stockholm
- 14.00 L11 The role of amputation in musculo-skeletal tumor surgery
B. Gunterberg, Gothenburg
- 14.20 L12 Bone anchored amputation prostheses – a new possibility
R. Brånemark, P. Bergh, B. Gunterberg, Gothenburg
- 14.40 L13 Rehabilitation and function in patients with a bone-anchored transfemoral amputation prosthesis
K. Hagberg, Gothenburg
- 15.00-18.00** **Soft tissue tumors**
Chairmen: A. Rydholm, S. Frustaci, Aviano
- 15.00 L14 Risk factors of soft tissue sarcoma in Sweden
H. Olsson, T.A. Alvegård, R. Perfekt, A. Rydholm, Lund
- 15.15 L15 Local recurrence in soft tissue sarcomas
S. Eriksson, B. Gunterberg, P. Bergh, Gothenburg

- 15.30 L16 Function after resection of the sciatic nerve for sarcomas
Ö. Berlin, R. Tranberg, R. Zügner, B. Gunterberg, Gothenburg
- 15.45 L17 Quality of surgery and outcome in extraabdominal aggressive fibromatosis - a series of more than 200 patients
R. Bertulli et al, Milan
- 16.00-16.30 *Coffee*
- 16.30 L18 Clinical and imaging studies of desmoid tumors left without treatment
M. Dalén, P. Bergh, B. Gunterberg, Gothenburg
- 16.45 L19 Soft tissue sarcoma of the extremities: lessons from 1000 plus patients treated at a single institution
A. Gronchi, Milan
- 17.00 L20 Gastrointestinal stromal tumor – from mystery to clarity
L.G. Kindblom, J. Meis-Kindblom, P. Bümbling, P. Nilsson, Gothenburg
- 17.15 L21 GIST – the present status
P. Casali, Milan
- 17.30 L22 Metastasectomy in soft tissue tumors – the present status
U. Pastorino, Milan
- 17.45 Concluding remarks
B. Gunterberg, Gothenburg
- 19.30 *Dinner at Radisson SAS Park Avenue Hotel
Restaurant: Banquet Hall*

Thursday June 12, 2003

- 07.00-09.00 *Breakfast*
- 07.45-08.45 ISG Board meeting, *room: Taube*
- 09.00-11.00 ISG/SSG projects, *room: Taube***
Chairmen: S. Ferrari, Bologna, S. Smeland, Oslo
- 09.00 L23 Neoadjuvant chemotherapy with high-dose ifosfamide added to methotrexate, cisplatin, and doxorubicin for patients with localized osteosarcoma of the extremity. A joint study by the Italian (ISG) and Scandinavian (SSG) sarcoma groups
S. Smeland, T.A. Alvegård, T. Wiebe, O. Brosjö, G. Saeter, G. Bacci, S. Ferrari, P. Picci, F. Bertoni, M. Mercuri for the Scandinavian and Italian Sarcoma Groups
- 09.15 L24 Preliminary results of the Italian-Scandinavian ISG/SSG II protocol for the treatment of high-risk osteosarcoma
A. Brach del Prever, S. Smeland, A. Tienghi, M. Aglietta, O. Brosjö, G. Bernini, F. Fagioli, K. Sundby Hall, S. Ferrari, T. Wiklund, M. Berta, T.A. Alvegård for the Italian and Scandinavian Sarcoma Groups
- 09.30 L25 ISG/SSG III. An Italian-Scandinavian treatment protocol for nonmetastatic Ewing's family tumors
G. Bacci, S. Ferrari, M. Mercuri, F. Bertoni, P. Picci, F. Fossati Bellani, P. Casali, A. Brach del Prever, A. Tienghi, S. Smeland, T. Wiebe, T. Böhling, O. Brosjö, T.A. Alvegård for the Italian and Scandinavian Sarcoma Groups
- 09.45 L26 ISG/SSG IV
R. Luksch, S. Ferrari, F. Fagioli, G. Bernini, A. Pession, A. Brach del Prever, F. Fossati-Bellani, L. Gandola, M. Del Duca, E. Barbieri, U. Ricardi, M. Mercuri, S. Mapelli, R. Capanna, M. Podda, G. Bacci, P. Picci, M. Marangolo, M. Aglietta, E. Madon, A. Tienghi for the Italian Sarcoma Group
- 10.00 L27 Pharmacokinetics of cytostatics in patients treated according to the ISG/SSG I protocol
T. Skärby, T.A. Alvegård, G. Bacci, O. Björk, S. Eksborg, S. Ferrari, A. Johnsson, P. Picci, G. Saeter, K. Sundby Hall, T. Wiebe, P. Höglund for the Scandinavian and Italian Sarcoma Groups
- 10.15 L28 Analysis of P-glycoprotein expression in high-grade osteosarcoma patients treated according to the ISG/SSG I protocol
M. Serra, M. Pasello, K. Scotlandi, M.C. Manara, G. Bacci, S. Ferrari, F. Bertoni, S. Smeland, T.A. Alvegård, P. Picci for the Italian and Scandinavian Sarcoma Groups

- 10.30 L29 Presentation of the nephrotoxicity data in the ISG/SSG I protocol
L. Hjorth, Lund, S. Ferrari, Bologna
- 10.45 Discussion
- 11.00-11.30 *Coffee*
- 11.30-13.00** **Presentation of new studies and ideas from the ISG and SSG**
Chairmen: P. Picci, Bologna, S. Smeland, Oslo
- 11.30 L30 Imatinib in the adjuvant treatment of high risk GIST
H. Joensuu, Helsinki
- 11.45 L31 Preoperative chemo-radiation therapy and intraoperative or postoperative boost in retroperitoneal soft tissue sarcomas. The Italian Sarcoma Group protocol
A. De Paoli, Aviano, A. Gronchi, Milan
- 12.00 L32 The ISG/OS1. Prospective randomized study for the treatment of nonmetastatic osteosarcoma of the extremity
G. Bacci, Bologna
- 12.15 L33 EUROBOSS. European Bone Over 40 Sarcoma Study. A European treatment protocol for bone sarcoma in patients older than 40 years
S. Ferrari, Bologna, S. Smeland, Oslo, S. Bielack, Münster
- 12.30 L34 European-American osteosarcoma study (EURAMOS)
S. Smeland, Oslo
- 12.45 L35 European relapse osteosarcoma register (EURELOS)
S. Smeland, Oslo
- 13.00–14.00 *Lunch*
- 14.00-14.30** **The Alberto Azzarelli Memorial Lecture**
Introduction: P. Picci, Bologna
- L36 Methodological problems for clinical trials in rare tumors
P. Bruzzi, Genova
- 14.30-17.00** **Free papers**
Chairmen: P. Lindholm, Turku, O. Monge, Bergen
- 14.30 L37 Core needle biopsy performed by the cytopathologist: a technique to complement fine needle aspiration of musculoskeletal tumors.
H. Domanski, B. Carlén, J. Engellau, P. Gustafson, K. Jonsson, F. Mertens, A. Rydholm, M. Åkerman, Lund

- 14.45 L38 An algorithm for limb reconstruction in children bone sarcomas
M. Manfrini, M. Mercuri, Bologna
- 15.00 L39 Surgical and reconstructive procedures in children with osteosarcoma.
The Scandinavian Sarcoma Group experience
O. Brosjö, H. Bauer, Stockholm
- 15.15 L40 Surgically treated skeletal non-spinal metastases. Experience from the
Scandinavian Sarcoma Group registry
B. Hansen, Århus, R. Wedin, Stockholm, J. Keller, Århus
- 15.30 L41 Giant Cell Tumor (GCT) in the thoracic wall with pulmonary metastases,
a case report and literature study
J.P. Poulsen, L.H. Jørgensen, B. Stenwig, I. Taksdal, K. Sundby Hall,
Oslo
- 15.45 L42 Radiotherapy in soft tissue sarcoma: indications based on results from the
SSG Register
H. Bauer, Stockholm
- 16.00 L43 SSG XIII: A treatment protocol to high-risk non-metastatic soft tissue
sarcoma of extremities and trunk wall
S. Smeland, P. Gustafson, M. Eriksson, O. Monge, K. Sundby Hall, J.O.
Fernberg, V. Söderlund, H. Domanski, I. Turesson, T.A. Alvegård for the
Scandinavian Sarcoma Group
- 16.15 L44 Recommendations for treatment of metastatic soft-tissue sarcomas: a
proposal of the SSG
K. Sundby Hall, Oslo, P. Lindholm, Turku, J.O. Fernberg, Stockholm, M.
Eriksson, Lund
- 16.30 L45 Thermochemotherapy in high risk sarcoma patients
O. Monge, B.C. Schem, T. Frøystein, C. Trovik, H.E. Ouile. J. Eide, A.
Horn, O. Mella, Bergen

16.45 Discussion

17.00-18.00 **Poster viewing session, room: Gripsholm**
(Serving wine and cheese)

- P1 Cytogenetic and molecular genetic analyses of endometrial stromal
sarcoma: nonrandom involvement of chromosome arms 6p and 7p and
confirmation of JAZF1/JJAZ1 gene fusion in t(7;17)
F. Micci, C. U. Walter, Oslo, M.R. Teixeira, I. Panagopoulos, Porto, B.
Bjerkehagen, S. Heim, Oslo
- P2 Characterization of supernumerary rings and giant marker chromosomes
in well-differentiated liposarcomas using a combination of G-banding,
CGH, M-FISH, and chromosome-specific FISH

F. Micci, Oslo, M.R. Teixeira, Porto, B. Bjerkehagen, S. Heim, Oslo

- P3 Automatic estimation of S-phase fraction in flow cytometric DNA histograms from 259 patients with soft tissue sarcomas – prognostic implications?
P. Gustafson, B. Baldetorp, Lund
- P4 Abdominal desmoids: the role of MR
S. Ortori, V. Zampa, Pisa, E. Ceretti, Turin, L. Crocetti, C. Spinelli, Pisa, A. De Marchi, Turin, C. Bartolozzi, Pisa
- P5 Free vascularized fibula and arthrodesis in the ankle after resection of the distal tibia
S. Skjeldal, T. Lona, C. Trovik, G. Follerås, Oslo
- P6 Unusual aneurysmal bone cyst
A. Walløe, Oslo
- P7 Childhood sarcoma in Sweden 1960-1998
A.C. Dreifaldt, M. Carlberg, L. Hardell, Örero
- P8 Severe toxicity mainly manifested as GAVE (gastric antral vascular ectasia) in Ewing patient undergoing HD-BuM and peripheral blood stem cell support
K. Sundby Hall, J.P. Poulsen, G.F. Lauritzen, D. Torfoss, W. Reed, I. Taksdal, E. Helset, K.E. Giercksky, S. Kvaløy, Oslo
- P9 Treatment of advanced soft tissue sarcoma in clinical practice
N. Wall, H. Starkhammar, Linköping
- P10 Quality of life and long-term morbidity in bone sarcoma patients
L.H. Aksnes, Oslo, H. Bauer, Stockholm, K. Sundby Hall, Oslo

17.30-18.30 **Italian Sarcoma Group member meeting**, *room: Taube*

19.00 Meetingplace: Main entrance of the Radisson SAS Park Avenue Hotel

19.30 *Gothenburg City Reception*

Friday June 13, 2003

08.00-09.00 *Breakfast*

09.00-10.00 **Poster Review Session**, *room: Taube*
Chairmen: P. Picci, Bologna, H. Bauer, Stockholm

10.00-10.30

Coffee

10.30-12.00

Italian and Scandinavian Sarcoma Groups matters

Chairmen: P. Picci, Bologna, H. Bauer, Stockholm, T.A. Alvegård, Lund

- Experiences from the past collaboration between the Italian and Scandinavian Sarcoma Groups
- Future collaboration between the Italian and Scandinavian Sarcoma Groups in research and clinical projects
- Is centralization necessary in the diagnosis and treatment of musculo-skeletal tumors?
- 25th SSG jubilee in St Petersburg, May 5-7, 2004

12.00-13.00 Lunch