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 “TNFα-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

10.20  Discussion

10.30-11.00  Coffee

11.00-12.00  The Johan Jansson Foundation Lecture
Introduction
Ö. Berlin, Gothenburg
TNFα-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. Folleràs, Oslo

12.00 L7 The Rizzoli experience in megaprostheses: 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 neoadjuvant 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
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<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker(s)</th>
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<tr>
<td>15.30</td>
<td>L16</td>
<td>Function after resection of the sciatic nerve for sarcomas</td>
<td>Ö. Berlin, R. Tranberg, R. Zügner, B. Gunterberg, Gothenburg</td>
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<td>15.45</td>
<td>L17</td>
<td>Quality of surgery and outcome in extraabdominal aggressive fibromatosis - a series of more than 200 patients</td>
<td>R. Bertulli et al, Milan</td>
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<td>16.00-16.30</td>
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<td>Coffee</td>
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<td>16.30</td>
<td>L18</td>
<td>Clinical and imaging studies of desmoid tumors left without treatment</td>
<td>M. Dalén, P. Bergh, B. Gunterberg, Gothenburg</td>
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<td>16.45</td>
<td>L19</td>
<td>Soft tissue sarcoma of the extremities: lessons from 1000 plus patients treated at a single institution</td>
<td>A. Gronchi, Milan</td>
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<td>17.00</td>
<td>L20</td>
<td>Gastrointestinal stromal tumor – from mystery to clarity</td>
<td>L.G. Kindblom, J. Meis-Kindblom, P. Bümming, P. Nilsson, Gothenburg</td>
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<td>17.15</td>
<td>L21</td>
<td>GIST – the present status</td>
<td>P. Casali, Milan</td>
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<td>17.30</td>
<td>L22</td>
<td>Metastasectomy in soft tissue tumors – the present status</td>
<td>U. Pastorino, Milan</td>
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<td>17.45</td>
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<td>Concluding remarks</td>
<td>B. Gunterberg, Gothenburg</td>
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<td>19.30</td>
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<td>Dinner at Radisson SAS Park Avenue Hotel Restaurant: Banquet Hall</td>
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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

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

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

16.45 Discussion

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

P1 Cyto genetic 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)

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
P3 Automatic estimation of S-phase fraction in flow cytometric DNA histograms from 259 patients with soft tissue sarcomas – prognostic implications?
P. Gustafson, B. Bäletorp, 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. Folleras, 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

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