The 36th Meeting of the Japan Association of Breast and Thyroid Sonology

“Build a Culture of Communication”

Date: May 28 (Sat.) to 29 (Sun.), 2016
Venue: Kyoto International Conference Center (ICCK)
Grand Prince Hotel Kyoto
President: Madoka Kaneko Furukawa
(Department of Head and Neck Surgery, Kanagawa Cancer Center)
Hosting Society: The Japan Association of Breast and Thyroid Sonology

Headquarter
Department of Head and Neck Surgery, Kanagawa Cancer Center
2-3-2 Nakao, Asahi-ku, Yokohama, 241-8515 Kanagawa, Japan

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c/o Japan Convention Services, Inc.
14F, Daido Seimei Kasumigaseki Bldg.
1-4-2 Kasumigaseki, Chiyoda-ku, Tokyo 100-0013 Japan
Tel +81-3-3508-1214 Fax +81-3-3508-1302
E-mail: jabts36@convention.co.jp

http://www.convention.co.jp/jabts36/
## Council Meeting List

### May 27 (Fri.), 2016

<table>
<thead>
<tr>
<th>Committee Meeting</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breast Terminology and Diagnostic Criteria Committee</td>
<td>12:30 – 14:30</td>
<td>ICCK 5F Room 555</td>
</tr>
<tr>
<td>Editorial Committee Meeting</td>
<td>15:00 – 16:00</td>
<td>ICCK 5F Room 552</td>
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<tr>
<td>Education Committee Meeting</td>
<td>15:30 – 16:30</td>
<td>ICCK 5F Room 554</td>
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<tr>
<td>Board of Directors Meeting</td>
<td>16:30 – 18:30</td>
<td>ICCK 5F Room 555</td>
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### May 28 (Sat.), 2016

<table>
<thead>
<tr>
<th>Meeting</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>International Exchange Committee Meeting</td>
<td>7:30 – 8:30</td>
<td>ICCK 5F Room 509A</td>
</tr>
<tr>
<td>Research Group for Intervention</td>
<td>7:30 – 8:30</td>
<td>ICCK 5F Room 509B</td>
</tr>
<tr>
<td>Research Group for Breast Cancer Screening</td>
<td>7:30 – 8:30</td>
<td>ICCK 5F Room 554</td>
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<tr>
<td>Thyroid Terminology and Diagnostic Criteria Committee Meeting</td>
<td>7:30 – 8:30</td>
<td>ICCK 5F Room 555</td>
</tr>
<tr>
<td>Advisor Assembly</td>
<td>13:20 – 14:20</td>
<td>ICCK 2F Room B-1</td>
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### May 29 (Sun.), 2016

<table>
<thead>
<tr>
<th>Group</th>
<th>Time</th>
<th>Location</th>
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<tbody>
<tr>
<td>Research Group for Breast Ultrasound Elastography</td>
<td>7:30 – 8:30</td>
<td>ICCK 5F Room 509A</td>
</tr>
<tr>
<td>Research Group for Virtual Sonography</td>
<td>7:30 – 8:30</td>
<td>ICCK 5F Room 509B</td>
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<tr>
<td>Research Group for Hands-on Ultrasound</td>
<td>7:30 – 8:30</td>
<td>ICCK 5F Room 552</td>
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<tr>
<td>Research Group for Flow Imaging</td>
<td>7:30 – 8:20</td>
<td>ICCK 5F Room 555</td>
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<tr>
<td>General Assembly</td>
<td>13:10 – 13:40</td>
<td>ICCK 2F Room A (Room 10)</td>
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</tbody>
</table>
FLOOR PLAN

- **Access by air**
  - Kansai International Airport
  - JR Haruka Airport Express (75min.)
  - Limousine Bus (88min.)
  - Osaka International Airport (Stami)
  - Limousine Bus (55min.)
  - Kyoto Station
  - Subway: Karasuma Line (20min.)
  - ICC Kyoto Grand Prince Hotel Kyoto
  - Kokusai-kaikan Station

- **Access by rail**
  - From Tokyo, Shinagawa and Nagoya
  - JR Tokaido Shinkansen
  - Kyoto Station
  - Subway: Karasuma Line
  - ICC Kyoto Grand Prince Hotel Kyoto
  - Kokusai-kaikan Station
  - From Kyushu and Chugoku
  - JR Sanyo Shinkansen
  - Hankyu Kyoto Line
  - Keihan Main Line
  - Sanjo Station
  - Subway: Tozai Line & Karasuma Line (20min.)
  - From Osaka and Kobe
  - JC
  - Kyoto Station
  - Subway: Karasuma Line
  - ICC Kyoto Grand Prince Hotel Kyoto
  - Kokusai-kaikan Station
FLOOR LAYOUT

Kyoto Grand Prince Hotel Kyoto

1F

B1F

B2F

Room 18 (Royal Room)

Room 19 (Rose Room)

Room 17 (Gold Room)

Room 15 (Prince Hall I)

Room 16 (Prince Hall II)

PC Preview Center

28 May (Sat.)
Fireside Talk
(Prince Hall I & II)
FLOOR LAYOUT (Exhibition • Poster)

Exhibition Hall, Kyoto International Conference Center
<table>
<thead>
<tr>
<th>Time</th>
<th>Room 5 (Room D)</th>
<th>Room 8 (Room C-2)</th>
<th>Room 9 (Swan)</th>
<th>Room 10 (Room A)</th>
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<tbody>
<tr>
<td>8:30</td>
<td>8:30~10:00</td>
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<tr>
<td>9:00</td>
<td>Symposium/Thyroid</td>
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<tr>
<td>9:30</td>
<td>Toward the Establishment of Next Generation Ultrasound Criteria for Diagnosis and Management of Thyroid Nodules (JSUM/JABTS Joint Session)</td>
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<tr>
<td>10:00</td>
<td>10:00~11:55</td>
<td>Symposium/Breast Joint I Elastography in Breast Image (JSUM/AFSUMB/JABTS Joint Session)</td>
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<td>13:30</td>
<td>13:30~15:00</td>
<td>Panel Discussion/Multidisciplinary 4 Plan and Idea for Environment Improvement of Ultrasound Examination-From Female Viewpoints, from Male Viewpoints- (JSUM/JABTS Joint Session)</td>
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<tr>
<td>14:00</td>
<td>14:00~15:00</td>
<td>Symposium/Thyroid Joint Artifacts and Pitfalls in Elastography of the Breast and Thyroid Ultrasound (JSUM/AFSUMB/JABTS Joint Session)</td>
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<td>Presidential Lecture</td>
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<td>14:30</td>
<td>14:30~15:30</td>
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<td>PL-01</td>
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<td>15:00</td>
<td>15:00~17:00</td>
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<td>Special Session</td>
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May 27 (Fri.)

Room 15 (Prince Hall 1)

16:00 | 16:00~18:00 | Panel Discussion/Breast I Vascular Imaging without Contrast Agent in Breast Ultrasound Diagnosis (JSUM/JABTS Joint Session) |                  | SS-01~SS-05 |

17:00 | 17:00~18:30 | Panel Discussion/Thyroid I First Generation Ultrasound Criteria for Diagnosis and Management of Thyroid Nodules (JSUM/JABTS Joint Session) |                  |               |

18:00 | 18:00~19:00 | Panel Discussion/Multidisciplinary 5 Panel Discussion/Multidisciplinary 5 |                  |               |

19:00 | 19:00~20:00 | Panel Discussion/Thyroid I Second Generation Ultrasound Criteria for Diagnosis and Management of Thyroid Nodules (JSUM/JABTS Joint Session) |                  |               |
### May 28 (Sat.)

#### The 36th Meeting of the Japan Association of Breast and Thyroid Sonology

<table>
<thead>
<tr>
<th>Time</th>
<th>Room 11 (Room B-1)</th>
<th>Room 12 (Room B-2)</th>
<th>Room 15 (Prince Hall 1)</th>
<th>Room 19 (Rose Room)</th>
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<tr>
<td>10:30</td>
<td>Symposium 1</td>
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<td>10:30</td>
<td>Ultrasound diagnosis based on General rules for the description of thyroid cancer (The 7th Edition)</td>
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<td>11:00</td>
<td>SY1-01~SY1-05</td>
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<td>Oral Presentation/Breast 2</td>
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<td>Oral Presentation/Breast 1</td>
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<td>17:00</td>
<td>Evening Seminar</td>
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<td>Tasting Lecture</td>
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#### Room 14 (Room S01)

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>15:30</td>
<td>Symposium 1/Breast Joint 2</td>
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<td>15:30~17:00</td>
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#### May 28 (Sat.)

<table>
<thead>
<tr>
<th>Time</th>
<th>Room 15·16 (Prince Hall 1·2)</th>
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<tbody>
<tr>
<td>19:00</td>
<td>Fireside Talk</td>
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May 29 (Sun.)

### The 36th Meeting of the Japan Association of Breast and Thyroid Sonology

<table>
<thead>
<tr>
<th>Room 5 (Room D)</th>
<th>Room 10 (Room A)</th>
<th>Room 11 (Room B-1)</th>
<th>Room 12 (Room B-2)</th>
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<tbody>
<tr>
<td>8:30–9:00</td>
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<td>9:00–10:30</td>
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<tr>
<td>Panel Discussion/Thyroid</td>
<td>Workshop/Breast Cancer Screening Research Group</td>
<td>Oral Presentation/Head and Neck</td>
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<tr>
<td>9:00–9:30</td>
<td>Does the Doppler ultrasound improve the accuracy in screening for breast cancer?</td>
<td>O-36  0:41</td>
<td>9:30–10:30 Special Reports</td>
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<tr>
<td>9:30–10:00</td>
<td>WS1-01  0:05 89-PD-01  0:05 89-PD-05 0:05</td>
<td>10:30–11:50 Workshop/Educational Committee Breast workshop: Understanding the histopathology of microcalcification</td>
<td>0:26  0:31</td>
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<td>10:00–11:00</td>
<td>12:00–13:00</td>
<td>13:00–13:40</td>
<td>13:30–14:00</td>
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<tr>
<td>Workshop/Educational Committee Breast workshop: Understanding the histopathology of microcalcification</td>
<td>Special Lecture (Luncheon Seminar) Cuban Medicine—realization of free charge for medical services in a developing country</td>
<td>General Assembly</td>
<td>Educational Lecture 1 Utilization of ultrasoundography in head and neck region—the utility of AIFS elastography in diagnosing cervical lymph node metastasis 10:40  1:00</td>
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<td>13:30–14:00</td>
<td>Educational Lecture 2 Head and Neck Tumor Surgery Based on Preoperative Diagnosis</td>
<td>13:30–14:00 13:40–14:40 Symposium/Virtual Sonography Research Group Effectiveness of breast virtual sonography SV2-01  0:04  0:06  0:44  0:44</td>
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<tr>
<td>16:00–17:00</td>
<td>Educational Lecture 2 Head and Neck Tumor Surgery Based on Preoperative Diagnosis</td>
<td>16:00–17:00 15:30–16:30 16:00–17:00 Closing Ceremony</td>
<td>14:00–15:00 14:40–15:40 Symposium/Flow Imaging Research Group The standardization of contrast-enhanced ultrasound of breast 10:30–11:30  15:30–16:30 15:30–16:30 15:30–16:30</td>
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### Room 14 (Room 501)

| 8:30–10:00 | Workshop/Breast Ultrasound Evaluation of the Neo-adjuvant Chemotherapy (JSUM/JABTS Joint Session) |
| 9:00–10:00 | 89-W3-01  0:05 89-W3-05 0:05 |

### Hands on Seminar Room (Room 1-0)

| 10:00–11:30 | Ultrasomography for the Head and Neck Region |
| 11:30–12:20 | 10:00–11:30 | Ultrasomography for the Head and Neck Region |
| 12:20–13:10 | 10:00–11:30 | Ultrasomography for the Head and Neck Region |
| 13:10–14:00 | 10:00–11:30 | Ultrasomography for the Head and Neck Region |
| 14:00–14:50 | 10:00–11:30 | Ultrasomography for the Head and Neck Region |
| 14:50–15:40 | 10:00–11:30 | Ultrasomography for the Head and Neck Region |
| 15:40–16:30 | 10:00–11:30 | Ultrasomography for the Head and Neck Region |
| 16:30–17:20 | 10:00–11:30 | Ultrasomography for the Head and Neck Region |
| 17:20–18:10 | 10:00–11:30 | Ultrasomography for the Head and Neck Region |
| 18:10–19:00 | 10:00–11:30 | Ultrasomography for the Head and Neck Region |
| 19:00–20:00 | 10:00–11:30 | Ultrasomography for the Head and Neck Region |

Vascular Imaging without Contrast Agent in Breast Ultrasound Diagnosis  
Chair: Toshitaka Okuno (Department of Breast Surgery, Nishi-kobe Medical Center)  
Shinsaku Kanazawa (Department of Surgery, Toho University Sakura Medical Center)

89-PD-乳01  Consideration about the tumor angiogenesis and vasculogenesis form in the mammary  
Sakae Hata (Department of Pathology, Kawasaki Hospital, Kawasaki Medical School)

89-PD-乳02  Progress of Ultrasound Blood Flow Imaging  
Takeshi Sato (Ultrasound Systems Development Department, Toshiba Medical Systems Corporation)

89-PD-乳03  Comprehensive Ultrasound - Significance of Evaluation of the micro-vessel flows in the Breast lesions  
Kazutaka Nakashima (General Surgery, Kawasaki Medical School)

89-PD-乳04  Usefulness and problems revealed through clinical experience of the breast SMI (Superb Micro vascular Imaging)  
Ayumi Izumori (Breast Surgery, Takamatu Heiwa Hospital)

89-PD-乳05  Comparison of blood flow visualization by Doppler, SMI and Contrast-Enhanced Ultrasonography  
Yukio Mitsuzuka (Department of Clinical Functional Physiology, Toho University Omori Medical Center)

28 May (Sat.), Kyoto International Conference Center 1F  Room 5 (Room D)  Symposium Thyroid (JSUM / JABTS Joint Session)  8:30-10:00

Toward the Establishment of Next Generation Ultrasound Criteria for Diagnosis and Management of Thyroid Nodules  
Chair: Shinichi Suzuki (Department of Thyroid and Endocrinology, Fukushima Medical University, school of medicine)  
Hiroki Shimura (Department of Laboratory Medicine, Fukushima Medical University)

89-SY-甲01  Active surveillance of low-risk papillary thyroid microcarcinoma (Over the revision of ATA guideline 2015)  
Mitsuhiro Fukushima (Department of Surgery, Kuma Hospital)

89-SY-甲02  Management guidelines for Thyroid nodules of other countries  
Yo Kunii (Internal Medicine, Ito Hospital)

89-SY-甲03  Current condition and problems of JSUM diagnostic criterion for thyroid tumor  
Katsuhiko Tanaka (Department of Breast and Thyroid Surgery, Kawasaki Medical School)

89-SY-甲04  Clinical impact of D/W ratio for thyroid US screening  
Nobuhiro Fukunari (Department of Surgery, Showa University, Northern Yokohama Hospital)

89-SY-甲05  The role of color Doppler and elastography for differential diagnosis between benign and malignant thyroid tumor  
Megumi Miyakawa (Endocrine Center, Toranomon Hospital)
Panel Discussion Multidisciplinary 4 (JSUM / JABTS Joint Session) 13:30-15:00
Plan and Idea for Environmental Improvement of Ultrasound Examination —From Female Viewpoints, from Male Viewpoints—
(The Gender Equality Committee of JSUM Joint Session)
Chair Hiroko Iijima (Ultrasound Imaging Center, Hyogo College of Medicine)
Toshiko Hirai (Department of Endoscopy and Ultrasound, Nara Medical University)

89-PD-15 How to offer career support to members of the Japan Society of Ultrasonics in Medicine
Hiroko Iijima (Ultrasound Imaging Center, Hyogo College of Medicine)

89-PD-16 Subjects and efforts surrounding medical US examination from women’s viewpoint
Toshiko Hirai (Department of Endoscopy and Ultrasound, Nara Medical University)

89-PD-17 An important point to consider to improve the quality of ultrasound laboratory: from analysis of alteration trend in our laboratory stuff
Kei Konno (Department of Clinical Laboratory Medicine, Jichi Medical University School of Medicine)

89-PD-18 The role of female technicians and physicians in US breast screening
Kanako Ban (Medical Director of Cancer Detection and Diagnosis Department, Tokyo Health Service Association)

89-PD-19 Current situation and problems in the cardiovascular area
Kazumi Akasaka (Department of Internal Medicine, Cardiovascular, Respiratory and Neurology Division, Asahikawa Medical University)

89-PD-20 Carefulness of mammography photography technique
Takako Morita (Department of Senology, National Hospital Organization Nagoya Medical Center)

89-PD-21 Ultrasound in children.
Atsushi Yoden (Assistant professor, Osaka Medical College)

28 May (Sat.), Kyoto International Conference Center 1F Room 8 (Room C-2)
Symposium Breast Joint 1 (JSUM / AFSUMB / JABTS Joint Session) 10:10-11:55
Elastography in Breast Image
Chair Kazutaka Nakashima (General Surgery, Kawasaki Medical School)
Ei Ueno (Department of Sonology, Tsukuba Medical Center Foundation)

89-SY-乳07 Keynote
David COSGROVE (Hammersmith Hospital, Imperial College / London and King’s College Hospital)

89-SY-乳08 Combined Shear Wave Elastography and Color Doppler US in Characterization of Breast Lesions: The diagnostic effect on B-mode US
Shin-Ho KOOK (Department of Radiology, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine)

89-SY-乳09 Reproducibility and Diagnostic Performance of Shear Wave Elastography (SWE) in Evaluating Breast Solid Mass
Okhee WOO (Department of Radiology, Kangbuk Samsung Hospital, Sungkyunkwan University School of Medicine)

89-SY-乳10 Utility of Shear Wave Elastography for breast cancer
Katsutoshi Enokido (Breast Surgical Oncology, Showa University Koto Toyosu Hospital)
Correlations between elastographic evaluations and clinicopathological factors in breast cancer
Mitsuhiro Hayashi (Molecular Imaging and Pharmacokinetics, National Cancer Center)

Auto Strain Ratio system- For Quality Control of Strain Elastography
Kazutaka Nakashima (General Surgery, Kawasaki Medical School)

Symposium Thyroid Joint (JSUM / AFSUMB / JABTS Joint Session) 13:30-15:00
Artifacts and Pitfalls in Elastography of the Breast and Thyroid Ultrasound
Chair Ei Ueno (Department of Sonology, Tsukuba Medical Center Foundation)
Kazutaka Nakashima (General Surgery, Kawasaki Medical School)
Nobuhiro Fukunari (Department of Surgery, Showa University, Northern Yokohama Hospital)

Verification of artifacts in the measurement of shear wave velocity in the thyroid
Takahiro Fukuhara (Department of Otolaryngology-Head and Neck Surgery, Tottori University Faculty of Medicine)

Effect of microcalcifications on strain elastography : fundamental research
Yumi Kashikura (Department of Sonology, Tsukuba Medical Center Foundation)

Breast mass evaluation: factors influencing the quality of US elastography
Woo Kyung MOON (Department of Radiology, Seoul National University Hospital)

Pitfalls in Elastography of the Breast
Yi-Hong CHOU (Ultrasound Section at Taipai Veterans General Hospital / National Yang Ming University School of Medicine)

Prospective Multicenter Study JABTS BC03 9:30-10:00
Panel Discussion 10:20-12:00
Combined assessment for mammography screening using adjunctive ultrasonography.
:How to share the information with the physicians and technicians.
Chair Kouichi Hirokaga (Department of Breast Oncology, Hyogo Cancer Center)
Takae Kajiwara (Division of Clinical Laboratory Medicine, Chiba Foundation for Health Promotion & Disease Prevention)

Summary of the comprehensive assessment of breast cancer screening combining mammography and ultrasonography
Yuka Kujiraoka (Department of Radiology, Tsukuba Memorial Hospital)

Comprehensive evaluation methods of breast screening combined with mammography and ultrasound: what ultrasound technicians need to do.
Kanako Ban (Medical Director of Cancer Detection and Diagnosis Department, Tokyo Health Service Association)
Comprehensive evaluation methods of breast screening combined with mammography and ultrasound, proposals from a doctor
Eriko Tohno (Tsukuba International Breast Clinic)

From the sonographers to the physicians
Keiko Oyanagi (Niigata Cancer Center Hospital)

Opinion from the Radiological Technologists
Masahiko Tsuruoka (Department of Radiology, Moriya Keiyu Hospital)

President Lecture 14:30-15:00
Chair: Ryosuke Tsuchiya (Kanagawa Prefecture Hospital Organization)

Systematical and Standardized Ultrasound Diagnostic Method of Head and Neck Lymph Node
Madoka Kaneko Furukawa (Department of Head and Neck Surgery, Kanagawa Cancer Center)

Special Session 15:00-17:00
Five years after the Great East Japan Earthquake.—Review of our response against unexpected catastrophic disaster
Chair: Hiroko Tsunoda (St. Luke’s Hospital, Radiology)
Masaki Furukawa (Professor Emeritus, Yokohama City University)

Keynote Lecture Five years have passed since the Great East Japan Earthquake of March 11, 2011.—How did we deal with the unanticipated situation?
Shinji Mori (Ministry of Land, Infrastructure, Transport and Tourism)

Five Years After 2011 Tohoku Earthquake: Past Progress and Future Directions as Medical Technologist
Kayoko Abe (Ishinomaki Red Cross Hospital)

How we act and cope with the disaster of the Great East Japan Earthquake in Tohoku University Hospital
Kiyoto Shiga (Department of Head & Neck Surgery, Iwate Medical University)

Experience of a post mortem examination of victims of the Great East Japan-Earthquake-
Masaki Furukawa (Professor Emeritus, Yokohama City University)

The impact of 26th JABTS meeting.
Nobuyuki Taniguchi (Jichi Medical University, Department of Clinical Laboratory Medicine)

The experience as for the medical administrator of disaster medical care coordination of Fukushima prefecture, and the starting of the thyroid ultrasound examination
Shinichi Suzuki (Department of Thyroid and Endocrinology, Fukushima Medical University, School of Medicine)

Special Remark
Daishiro Aramaki (Kabukiza Stage Co., Ltd President / VISIT JAPAN Ambassador, Appointed by Ministry of Land, Infrastructure, Transport and Tourism of Japan)
28 May (Sat.), Kyoto International Conference Center  Room 11 2F (Room B-1)

Symposium 1  10:10-11:30

Ultrasonic diagnosis based on General rules for the description of thyroid cancer (The 7th Edition)
Chair  Kaoru Kobayashi (Surgery, Kuma Hospital)
Katsuhiro Tanaka (Department of Breast and Thyroid Surgery, Kawasaki Medical School)

SY1-01 The general remark of modification of the 7th general rules for the description of thyroid cancer
Katsuhiro Tanaka (Department of Breast and Thyroid Surgery, Kawasaki Medical School)

SY1-02 Clinical and ultrasonographic findings of the solid variant of papillary thyroid carcinoma
Naoyuki Higaki (Noguchi Thyroid Clinic and Hospital Foundation)

SY1-03 Ultrasound image and clinical presentation in solid variant of papillary thyroid carcinoma
Yo Kunii (Internal Medicine, Ito Hospital)

SY1-04 Clinical and ultrasonographic features of poorly differentiated thyroid carcinoma
Tomonori Yabuta (Department of Surgery, Kuma Hospital)

SY1-05 New thyroid cytology reporting system according to 7th general rules for the description of thyroid cancer
Kaori Kameyama (Division of Diagnostic Pathology, Keio University School of Medicine)

Oral Presentation Breast 2  15:00-16:00

Chair  Setsuko Kaoku (Department of Surgical Pathology, Kyoto Prefectural University of Medicine)
Yasuhisa Fujimoto (Suita Tokushukai Hospital, Breast Center)

O-08 Present States of Breast Cancer Screening and Follow-up System in Kumamoto Red Cross Health Care Center
Masami Mitsunaga (Department of Medical Health Check Up, Japanese Red Cross Society Kumamoto Health Center)

Taeko Kikuta (Department of Clinical Laboratory, Tenri Hospital)

O-10 study about less than 10mm mass diameter of the breast cancer by ultrasonic sound
Arisa Tanaka (Nahanishi Clinic MT)

O-11 Focal hypoechochogenicity as a normal variant on breast ultrasound
Saori Tsurugi (St Luke’s International Hospital, Department of Clinical Laboratory)

O-12 Evaluation of vacuum assisted biopsy that guided ultrasound sonography for mammary lesion of calcification
Toshio Hashimoto (Yonezawa City Hospital, Department of Surgery)

O-13 Twinkling artifact in the case of calcifications in the mammary gland
Mikako Osaki (Clinical Laboratory Department, Suita Tokushukai Hospital)
Oral Presentation Breast 3  16:00-16:50
Chair  Katsutoshi Enokido  (Showa University Koto Toyosu Hospital, Department of Breast Surgical Oncology)
Hidemitsu Yasuda  (Department of Breast Surgery, National Center for Global Health and Medicine)

O-14 Ultrasonographic observation of Triple Negative Breast cancer, Mainly 2 follow-up cases
Noboru Yamamichi  (Division of Breast Surgery, Association of Fukui preventive medicine)

O-15 Clinicopathological study of pregnant related breast cancer
Kano Uehara  (Department of Breast Oncology, Nahanishi Clinic)

O-16 Evaluation of ultrasonography findings for the breast cancer of seven male patients
Masako Yamagami  (Mammary Ultrasonography Center, Shinko Hospital)

O-17 Sonazid contrast-enhanced ultrasound findings of the breast cancer
Sayaka Sakurai  (Kawasaki Medical School, Department of General Surgery)

O-18 A case of fibroadenoma with breast cancer on contrast-enhanced ultrasonography
Rei Mimoto  (Department of Breast and Endocrine Surgery, The Jikei University School of Medicine)

28 May (Sat.), Kyoto International Conference Center  Room 12 2F (Room B-2)
Oral Presentation Breast 1  10:40-11:50
Chair  Shirai Hideaki  (Sapporo Kotoni Breast Clinic)
Takeshi Umemoto  (Tsukuba International Breast Clinic)

O-01 A study on the possibility of using a super-high contrast ratio monitor for-breast supersonic-
Norimitsu Shinohara  (Department of Radiological Technology, Faculty of Health Sciences Gifu University of Medical Science)

O-02 Ultrasound image of the UltraCLIP® breast tissue markers placed in the phantom
Yukari Ogawa  (Division of Ultrasonographic Examination, Kameda Medical Center)

O-03 Accuracy evaluation of strain ratio by changing compression method
Masami Mitsunaga  (Department of Medical Health Check Up, Japanese Red Cross Society Kumamoto Health Center)

O-04 Evaluating "pre-load compression" by focusing on quality of the elasticity image
Takeshi Umemoto  (Department of Breast Surgery, Kyoto University)

O-05 The cutoff value of elasticity ratio and index in distinction of benign and malignant breast mass
Yuki Matsuoka  (Department of Radiology, St.Like’s International Hospital)

O-06 Automated Whole Breast Ultrasound System, Computer Aided Detection and Digital Rapid Viewing
Etsuo Takada  (Department of Diagnostic Ultrasound, Nasu Red Cross Hospital)

O-07 The study of utility of pre surgery marking by the Invenia ABUS® (Automated Breast Ultrasound System)
Chieko Miyazaki  (Department of Breast Surgery, Jichi Medical University)
Evening Seminar 17:00-18:00
Chair Naoyuki Kohno (President of Kosei General Hospital)
ES-01 Tasting Lecture
EDDY Nakamura (Beer Taster Master Beer Judge, Japan Craft Beer Association)

28 May (Sat.), Kyoto International Conference Center Room 14 5F (Room 501)
Symposium Breast Joint 2 (JSUM / AFSUMB / JABTS Joint Session) 15:30-17:00
Breast Screening by Ultrasound
Chair Eriko Tohno (Tsukuba International Breast Clinic)
Etsuo Takada (Department of Diagnostic Ultrasound, Nasu Red Cross Hospital)

89-SY1-13 The results of J-START, and next
Akihiko Suzuki (Advanced Breast Cancer Imaging, Graduate School of Medicine, Tohoku University)

89-SY1-14 The educational programs and the qualification system for ultrasound breast screening in Japan
Eriko Tohno (Tsukuba International Breast Clinic)

89-SY1-15 The Clinical Outcome in Breast Cancer Patients Detected with Screening Ultrasound in Korea
Woo Kyung MOON (Department of Radiology, Seoul National University Hospital)

89-SY1-16 Significance of Sonographic Screening for Breast Cancer in Nepal
Birendra Raj JOSHI (Breast & Thyroid Society of Nepal)

28 May (Sat.), Grand Prince Hotel Kyoto Room 15 B2F (Prince Hall 1)
Panel Discussion Breast 2 (JSUM / JABTS Joint Session) 8:30-10:00
How Can Breast Ultrasound Help Get to the Pathological Diagnosis?
Chair Rin Yamaguchi (Department of Pathology, Kurume University Medical Center)
Hiroko Tsunoda (St. Luke’s Hospital, Radiology)

89-PD-06 Ultrasonographic findings of breast cancer with ring-like appearance on histology
Michi Morita (Department of Pathology, Kurume University Medical Center)

89-PD-07 Pathological finding in Internal echo in breast cancers
Takako Morita (Department of Semology, Nagoya Medical Center)

89-PD-08 Comparison ultrasound findings and pathological findings about invasive lobular carcinoma
Ako Itoh (Department of Breast and Thyroid Surgery, Hitachi General Hospital)

89-PD-09 Approaching "tripl-negative breast cancer" from US findings.
Takeshi Umemoto (Tsukuba International Breast Clinic)
89-PD-乳10 Experience of the diagnosis of breast lesions by combination of Comprehensive ultrasound and Superb Micro-vascular Imaging
Akiko Mizutou (Department of General Surgery, Kawasaki Medical School / Department of Breast and Thyroid Surgery, Tadotsu Miyake Hospital)

89-PD-乳11 B-mode and color/pulse-Doppler ultrasound for the assessment of breast tumors
Sachiyo Konno (Center of Medical Ultrasonics, Dokkyo Medical University Hospital)

89-PD-乳12 Shear wave Elastography for the assessment of breast tumors
Natsuki Ejiri (Center of Medical Ultrasonics, Dokkyo Medical University Hospital)

89-PD-乳13 Comprehensive ultrasound diagnosis in clinical practice of breast disease
Toshitaka Okuno (Department of Breast Surgery, Nishi-kobe Medical Center)

Symposium Breast (JSUM / JABTS Joint Session) 10:10-11:40
Evaluation of Contrast-Enhanced Ultrasound of the Breast
Chair Toshikazu Ito (Department of Surgery, Rinku General Medical center)
Nobuki Kudo (Graduate School of Information Science and Technology, Hokkaido University)

89-SY-乳01 Keynote Unique acousti property of ultrasound contrast agent
Nobuki Kudo (Graduate School of Information Science and Technology, Hokkaido University)

89-SY-乳02 Making use of contrast-enhanced ultrasonography in clinical practice of breast disease
Toshitaka Okuno (Department of Breast Surgery, Nishi-kobe Medical Center)

89-SY-乳03 Evaluation of the correlation between enhancement parameters of contrast-enhanced ultrasound and prognostic factors in breast cancer
Megumi Satoh (Department of Radiology, Hokkaido University Hospital / Diagnostic Center for Sonography, Hokkaido University Hospital)

89-SY-乳04 What is the best purpose of breast contrast-enhanced ultrasound?
Keitaro Kamei (Department of Surgery, Ogaki Municipal Hospital)

89-SY-乳05 Ability of contrast-enhanced ultrasonography to determine early clinical responses of breast cancer to neoadjuvant chemotherapy
Norio Masumoto (Department of Breast Surgery, Hiroshima University)

89-SY-乳06 Parametric imaging of contrast-enhanced ultrasound for breast tumor
Takashi Nakamura (Department of Surgery, Nara Medical University / Breast Surgery, Nabari City Hospital)

28 May (Sat.), Grand Prince Hotel Kyoto Room 19 B1F (Rose Room)
Panel Discussion Head and Neck (JSUM / JABTS Joint Session) 8:30-10:00
Ultrasound-guided Intervention in Head and Neck Region;
Current Status and Future Prospects
Chair Hiroyuki Tsuji (Department of Otolaryngology and Oncology of the Head and Neck, Kanazawa Medical University)
Takahiro Fukuhara (Department of Otolaryngology-Head and Neck Surgery, Tottori University Faculty of Medicine)

89-PD-頸01 Selective Low-pressure FNAC
Yuzo Shimode (Department of Head and Neck Surgery, Kanazawa Medical University)
89-PD-02 Diagnostic accuracy of ultrasonography-guided nonaspiration cytology (NAC) of salivary gland neoplasms
Mariko Hiramatsu (Otorhinolaryngology, Nagoya University Graduate School of Medicine)

89-PD-03 The role of percutaneous ethanol injection therapy for cystic lesions in head and neck: current situations and prospects
Ryohei Donishi (Department of Otolaryngology, Head and Neck Surgery, Faculty of Medicine, Tottori University)

89-PD-04 The Present Condition of US-guided fine Needle Aspiration Biopsy in Thyroid Specialized Hospitals
Wataru Kitagawa (Department of Surgery, Ito Hospital / Department of Medical Technology, Ito Hospital)

Symposium Head and Neck (JSUM / JABTS Joint Session) 10:10-11:40
Ultrasound Diagnosis of Cervical Lymph Node Metastasis in Head and Neck Cancer
Chair Kiyoto Shiga (Department of Head & Neck Surgery, Iwate Medical University)
Masaki Furukawa (Professor Emeritus, Yokohama City University)

89-SY-01 Ultrasoundographic diagnostic criteria for cervical lymph node metastasis of head and neck squamous cell carcinoma (multicenter study)
Madoka Furukawa (Department of Head and Neck Surgery, Kanagawa Cancer Center)

89-SY-02 Examination about US diagnosis of cervical lymph node after chemoradiotherapy
Nobuhiro Hanai (Department of Head and Neck Surgery, Aichi Cancer Center Hospital)

89-SY-03 Diagnostic value of contrast-enhanced ultrasonography for metastatic lymph nodes of head and neck cancer
Kiyoto Shiga (Department of Head & Neck Surgery, Iwate Medical University)

89-SY-04 Utility of novel elastography using acoustic radiation force impulse for diagnosing metastatic lymph nodes from head and neck cancer
Takahiro Fukuhara (Department of Otolaryngology-Head and Neck Surgery, Tottori University Faculty of Medicine)

29 May (Sat.), Kyoto International Conference Center 1F Room 5 (Room D)
Panel Discussion Thyroid (JSUM / JABTS Joint Session) 8:30-10:00
Thyroid Ultrasound Screening of Children
Chair Tsukasa Murakami (Department of Endocrinology, Noguchi Thyroid Clinic and Hospital Foundation)
Masafumi Kitaoka (IMS Miyoshi General Hospital Endocrinology and Metabolism Center)

89-PD-甲01 Is there any characteristic findings in thyroid ultrasound of the pediatric?
Yo Kunii (Internal Medicine, Ito Hospital)

89-PD-甲02 Comprehensive survey results of childhood thyroid ultrasound examinations in Fukushima
Toshihiko Fukushima (Department of Thyroid and Endocrinology, Fukushima Medical University)

89-PD-甲03 Ultrasonographic thyroid cancer findings in Fukushima children
Satoshi Suzuki (Department of Thyroid and Endocrinology, Fukushima Medical University)
29 May (Sat.), Kyoto International Conference Center  Room 10 2F (Room A)

**Breast Cancer Screening Research Group Workshop**

**8:30-10:00**

**Does the Doppler ultrasound improve the accuracy in screening for breast cancer?**

Chair  Kanako Ban (Medical Director of Cancer Detection and Diagnosis Department, Tokyo Health Service Association)

Takanori Watanabe (Breast Surgery, Sendai Medical Center)

**Keynote Lecture**  **Practice of color Doppler ultrasound in breast**

Toshitaka Okuno (Nishi-kobe Medical Center, Department of Breast Surgery)

**WS1-01**  **A role of Doppler ultrasound in breast screening from our experience**

Kanako Ban (Medical Director of Cancer Detection and Diagnosis Department, Tokyo Health Service Association)

**WS1-02**  **Breast Cancer Screening with color Doppler ultrasound**

Kayoko Koshikawa (Total Health Evaluation Center Tsukuba)

**WS1-03**  **How to use color Doppler US on breast cancer screening**

Misaki Shiraiwa (Kagawa Prefectural Central Hospital, Breast Center)

**WS1-04**  **Is it useful to evaluate the breast masses using color Doppler imaging on breast cancer screening?**

Yasuko Yoshida (Clinical Laboratory Department, St. Luke’s International Hospital)

**WS1-05**  **Of breast cancer screening be carried out in examination B mode and Fine needle aspiration cytology**

Naomi Yasumo (Takebe breast clinic)

**Special Remark**  Hiroko Tsunoda (St.Luke’s Hospital, Radiology)

**Educational Committee Workshop**

**10:40-11:55**

**Breast workshop: Understanding the histopathology of microcalcifications**

Chair  Kumiko Tanaka (Department of Breast Surgery, Shonan Kamakura General Hospital)

Misaki Shiraiwa (Kagawa Prefectural Central Hospital, Breast Center)

**Keynote Speech**  **Histology of breast lesions with microcalcifications**

Rin Yamaguchi (Department of Pathology, Kurume University Medical Center)

**Keynote Speech**  **Microcalcifications － MG & US －**

Misaki Shiraiwa (Kagawa Prefectural Central Hospital, Breast Center)

**WS2-01**  **Ultrasound findings of calcification**

Keiko Oyanagi (Niigata Cancer Center Hospital)
WS2-02 Detection of microcalcifications by high-resolution sonography
Takashi Arai (Takebe Breast Surgery Clinic)

WS2-03 Microcalcifications in breast cancer affect ultrasound strain elastography
Yumi Kashikura (Department of Senology, Tsukuba Medical Center Foundation)

Special Lecture (Luncheon Seminar) 12:00-13:00
Cuban Medicine --- realization of free of charge for medical services in a developing country
Chair Madoka Kaneko Furukawa (Department of Head and Neck Surgery, Kanagawa Cancer Center)

SL-01 Cuban Medicine --- realization of free of charge for medical services in a developing country
Bumpei Kimura (Vice President of Japan Cuba Science and Technology Exchange Committee, and Director of Department of General Thoracic Surgery, Tachikawa Sugo Hospital)

Educational Lecture 1 13:50-14:20
Utilization of ultrasonography in head and neck region—the utility of ARFI elastography in diagnosing cervical lymph node metastases
Chair Tsuyoshi Shiina (Human Health Sciences, Graduate School of Medicine, Kyoto University)

EL1-01 Utilization of ultrasonography in head and neck region—the utility of ARFI elastography in diagnosing cervical lymph node metastases
Takahiro Fukuhara (Department of Otolaryngology-Head and Neck Surgery, Tottori University Faculty of Medicine)

Educational Lecture 2 14:40-15:40
Head and Neck Tumor Surgery Based on Preoperative Diagnosis
Chair Haruo Takahashi (Department of Otorhinolaryngology—Head and Neck Surgery, Nagasaki University Graduate School of Biomedical Sciences)

EL2-01 Head and Neck Tumor Surgery Based on Preoperative Diagnosis
Kiyoko Tsukahara (Department of Otolaryngology, Tokyo Medical University)

29 May (Sun.), Kyoto International Conference Center Room 11 2F (Room B-1)
Oral Presentation Head and Neck 8:30-9:30
Chair Nobuhiro Hanai (Department of Head and Neck Surgery, Aichi Cancer Center Hospital)
Yuuichiro Sato (Head and Neck Surgery, Niigata Cancer Center Hospital)

O-36 Stiffness of salivary gland and tumor using new ultrasonic techniques: virtual touch quantification and virtual touch IQ
Takashi Matsuzuka (Department of Otolaryngology, Fukushima Medical University)

O-37 Comparison of ultrasonographic findings and pathological findings in a patient with IgG4-related sialadenitis
Eriko Matsuda (Department of Otolaryngology-Head and Neck Surgery, Tottori University Faculty of Medicine)
O-38  Assessment of early tongue cancer and lymph node metastasis by using ultrasonography
Yoko Mori (Department of Otorhinolaryngology, Nagoya University Graduate School of Medicine)

O-39  Efficiency of ultrasonography for lingual node metastasis of early tongue cancer
Naoki Nishio (Department of Otorhinolaryngology, Nagoya University Graduate School of Medicine)

O-40  Evaluation of the central lymph node micro metastases in papillary thyroid carcinoma
Yuiko Hattori (Graduate school of Medical Sciences, Tottori University)

O-41  Treatment result of ultrasound-guided ethanol injection therapy in cervical disease
Tomohito Fuke (Department of Head and neck-Otolaryngology, Ise Red Cross Hospital)

Special Reports

Thyroid Ultrasound Examination for Fukushima children
- looking back to a track for 5 years -
Chair  Masafumi Kitaoka (IMS Miyoshi General Hospital, Endocrinology and Metabokism Center)

SR-01  Childhood and adolescent thyroid ultrasound examination in Fukushima; 5 years on -from the view point of a sonographer-
Ayako Sato (Radiation Medical Science Center for the Fukushima Health Management Survey, Fukushima Medical University)

SR-02  Childhood and adolescent thyroid ultrasound examination in Fukushima; 5 years on – from the view point of a nurse –
Yuko Sato (Radiology Citizen of the Prefecture Healthcare Center, Fukushima Medical University)

SR-03  Childhood and adolescent thyroid ultrasound examination in Fukushima; 5 years on - from the viewpoint to coordinate doctors and ultrasonographers -
Mizuki Sekino (Department of Thyroid and Endocrinology, Fukushima Medical University)

SR-04  Thyroid ultrasound examination in Fukushima; 5 years on
Shinichi Suzuki (Department of Thyroid and Endocrinology, Fukushima Medical University, School of Medicine)

Virtual Sonography Research Group Symposium

Effectiveness of breast virtual sonography
Chair  Sadako Akashi (Breast Surgical Oncology, Showa University Hospital)
Ichiro Isomoto (Department of Radiology, St. Francis Hospital)

SY2-01  Impact of second-look US using image fusion technique for breast MRI-detected lesion -an interim report of FUSION 01 study-
Shogo Nakano (Division of Breast and Endocrine Surgery, Department of Surgery, Aichi Medical University)

SY2-02  Real-time virtual sonography examination and biopsy for suspicious breast lesions identified on MRI alone
Takayoshi Uematsu (Breast Imaging and Breast Intervention Section, Department of Clinical Physiology, Shizuoka Cancer Center Hospital)

SY2-03  Breast-conserving surgery using virtual sonography in breast cancer patients received neoadjuvant chemotherapy.
Masahiro Sakakibara (Department of General Surgery, Chiba University)
SY2-04  Novel axillary navigation surgery using image fusion of PET/CT and sonography
Manabu Futamura (Department of Breast & Molecular Oncology, Gifu University)

Flow Imaging Research Group Workshop 14:50-16:10

The standardization of contrast-enhanced ultrasound of breast

Chair Toshikazu Ito (Department of Surgery, Rinku General Medical Center)
Yumi Imayoshi (Department of Clinical Research, Ogaki Municipal Hospital)

WS3-01 Good protocol and report for the better contrast-enhanced ultrasound of the breast
Shinsaku Kanazawa (Department of Surgery, Toho University Sakura Medical Center)

WS3-02 Breast Contrast-Enhanced Ultrasonography protocols and reports: for the diagnosis of benign and malignant
Yukio Mitsuzuka (Department of Clinical Functional Physiology, Toho University Omori Medical Center)

WS3-03 Inspection method and reporting in Second look US and contrast-enhanced ultrasound
Yumi Imayoshi (Department of Clinical Research, Ogaki Municipal Hospital)

WS3-04 The better reporting form for diagnosis of extensiveness of breast lesions using contrast-enhanced ultrasound of the breast.
Terumi Kaga (Department of Clinical Laboratory, Social Welfare Corporation Hokkaido Social Work Association Obihiro Hospital)

WS3-05 Breast contrast-enhanced ultrasound imaging protocol and reporting in the evaluation of the response to neoadjuvant chemotherapy of cancer
Megumi Satoh (Hokkaido University Hospital Department of Radiology)

29 May (Sun.), Kyoto International Conference Center Room 12 2F (Room B-2)

Oral Presentation Thyroid 1 9:30-10:30

Chair Kaoru Kobayashi (Surgery, Kuma Hospital)
Yuzo Shimode (Department of Head and Neck Sargery, Kanazawa Medical University)

0-26 Study of normal thyroid using Virtual Touch IQ (VTIQ)
Kaori Kuribayashi (Department of Clinical Laboratory, Noguchi Thyroid Clinic and Hospital Foundation)

0-27 Depth-to-width ratio in the differential diagnosis of benign and malignant thyroid nodules
Masahide Nakano (Department of Surgery, Showa University Northern Yokohama Hospital)

0-28 The diagnostic value of depth-width ratio (D/W) for differentiation of benign and malignant thyroid tumors in ultrasonography
Maki Oshita (Department of Clinical laboratory, Kuma Hospital)

0-29 Evaluation of pre operation Follicular tumor including ultrasonography
Takashi Amano (Department of Clinical Laboratory, Ito Hospital)

0-30 Correlation between elastography evaluation and Ki-67 index in patients with follicular carcinoma
Fuminori Ishitobi (Central Clinical Laboratory, Shimane University Hospital)
0-31 Development of a novel device for fine needle aspiration
Masayuki Kitano (Tenri Hospital)

Oral Presentation Breast 4  13:40-14:50

Chair  Masanori Hashimoto (National Center for Global Health and Medicine)
Norikazu Obane (Department of the Ultrasonic Examination, Sumitomo Hospital)

0-19 Two cases of Apocrine Carcinoma of the breast detected by Screening Ultrasound examination
Yukiko Sakai (Department of Medical Laboratory, Shonan Kamakura General Hospital)

0-20 One cases of breast malignant lymphoma that inflammatory breast cancer is suspected in ultrasonography
Nozomi Ueno (Dokkyo Medical University, First Department of Surgery)

0-21 An example of viscous liquid cancer which racked its brains about a diagnosis
Hinako Sakagami (Kyoto Min-iren Chuo Hospital)

0-22 One example of lobular carcinoma that is difficulty observed of spread of the lesion by image analysis
Tomomi Tsurumi (Clinical Laboratory Department of Yokohama City University Medical Center)

0-23 Breast-concerving surgery using Real-time Virtual Sonography in breast cancer patient received neoadjuvant chemotherapy. Case report
Junta Sakakibara (Department of General Surgery, Chiba University Graduate School of Medicine)

0-24 A difficult diagnosis of subareolar abscess: a case report
Hiroaki Shima (Department of Surgery, Surgical Oncology and Science)

0-25 A Case of Papillomata of the Breast
Kenichi Inoue (Kamakura Breast Cancer Center, Shonan Memorial Hospital)

Oral Presentation Thyroid 2  15:20-16:10

Chair  Kazuhiko Shoji (Tenri Hospital)
Megumi Miyakawa (Endocrine Center, Toranomon Hospital)

0-32 A case of advanced chronic thyroiditis misidentified as malignant lymphoma by ultrasonic imaging
Masayuki Shigeta (Division of Endocrinology and Metabolism, Showa General Hospital)

0-33 A case of granulomatous thyroiditis mimicking a malignant lymphoma using an ultrasound image
Erika Yata (Central Clinical Laboratory, Shimane University Hospital)

0-34 Calcifying Fibrous Pseudotumor of the Neck
Toru Nishikawa (Department of Surgery, Showa University Northern Yokohama Hospital)

0-35 A case of polycystic goiter with the hearing loss
Hisakazu Shindo (Department of Breast Surgery, Sasebo City General Hospital)
29 May (Sun.), Kyoto International Conference Center  Room 14 (Room 501)
Workshop Breast (JSUM / JABTS Joint Session)  

Ultrasound Evaluation of the Neo-adjuvant Chemotherapy  
Chair: Seigo Nakamura  
Kazutaka Nakashima

89-WS-乳 01  The application of ultrasonographic navigation with image fusion system (V-navi/RVS) to breast surgery after neoadjuvant chemotherapy  
Miwa Yoshida

89-WS-乳 02  Characteristics of ultrasonographic findings after neoadjuvant endocrine therapy in breast cancer patients  
Hiroyuki Takei

89-WS-乳 03  Ultrasound Diagnosis of the Response Evaluation for the Neo-adjuvant Chemotherapy of Breast Cancer  
Kazutaka Nakashima

89-WS-乳 04  Impact of contrast-enhanced ultrasound in breast cancer at neoadjuvant chemotherapy  
Takashi Nakamura

89-WS-乳 05  Value of elastography can predict response to neoadjuvant chemotherapy in breast cancer?  
Mitsuhiro Hayashi

29 May (Sun.), Kyoto International Conference Center  Hands on Seminar Room 2F (Room I-J)
Ultrasonography for the Head and Neck Region  
Chair: Kazuto Matsuura
Yasushi Fujimoto