The 7th International Workshop of the Asian Society of Gynecologic Oncology (ASGO) was held by the Chinese Society of Gynecologic Oncology (CSGO) and Peking Union Medical College Hospital on 27th to 28th August 2022. The 2022 workshop was the first ASGO congress that was held in mainland China. Due to the COVID situation, this workshop was conducted virtually. Five hundred eighty-seven participants from 13 countries/regions (Hong Kong, India, Indonesia, Italy, Japan, Korea, Mainland China, Malaysia, Singapore, Taiwan, Thailand, United Kingdom, and United State of America) attended the meeting (Table 1).

Dr. Beihua Kong (Shandong, China), president of CSGO, served as the president. Dr. Yang Xiang, president-elect of Chinese Medical Association (CMA) Gynecologic Oncology division, served as the executive president of the 7th ASGO workshop. Following the 18th ASGO council meeting on August 26th (Fig. 1), the workshop was grandly held on August 27th and 28th virtually.

### OPENING CEREMONY

Opening remarks commenced with the current president of ASGO, Dr. Jae-Weon Kim, Professor of the Department of Obstetrics and Gynecology, Seoul National University College of Medicine, Korea. Next opening address was delivered by ASGO’s president-elect, Dr. Masaki Mandai, Professor of the Department of Obstetrics and Gynecology, Kyoto University, Japan. Dr. Beihua Kong, the president of CSGO concluded the opening remarks by

| Rank | Country/Region | No. of participant |
|------|----------------|--------------------|
| 1    | Mainland China | 202                |
| 2    | Japan          | 145                |
| 3    | Korea          | 106                |
| 4    | Indonesia      | 91                 |
| 5    | Thailand       | 39                 |
| 6    | USA            | 4                  |
| 7    | Hong Kong      | 2                  |
| 8    | Malaysia       | 1                  |
| 9    | Taiwan         | 1                  |

*Ordered firstly by the number of participants and then alphabetically among countries with the same number.*
welcoming participants from all over Asia on behalf of the organizing committee. Mr. Dafang Wang, secretary general of CMA, sent congratulations on the convening of the conference (Fig. 2).

**PROGRAMS**

There were 36 presentations in 5 sessions (the scientific program is shown in Tables 2 and 3). There were 28 Asian speakers from India, Indonesia, Japan, Korea, Mainland China, Malaysia, Singapore, Taiwan, and Thailand. We are honored to invite guest speakers from sister societies including Society of Gynecologic Oncology (SGO), International Gynecologic Cancer Society
(IGCS) and European Network of Young Gynaec Oncologists (ENYGO). Dr. Jubilee Brown from USA, SGO Board of Director, shared the latest research progress of rare ovarian tumors. Dr. Alexandra Taylor from UK, radiation oncology representative for IGCS, made a presentation on re-irradiation of gynecological cancer or radiotherapy for recurrent gynecological cancer. Dr. Nicolò Bizzarri from Italy analyzed the past, present, and future ENYGO.

1. Scientific sessions (August 27th, 2022)
The first day of ASGO workshop was constituted by three scientific sessions: Practice Changing Therapies and Novel Approaches, Rare and Less Common Gynecologic Tumor, and Debatable Topics in Gynecologic Oncology. There were 21 presentations in the three sessions presented by invited speakers from Asia and over the world.

### Table 2. Program of ASGO 7th International Workshop on Gynecologic Oncology (day 1)

#### Opening Moderator: Yang Xiang

| Time          | Topic                                      | Speaker                  | Country/Region |
|---------------|--------------------------------------------|--------------------------|----------------|
| 08:00-08:10   | Reception                                  | CSGO President: Dr. Beihua Kong | China          |
| 08:10-08:20   | Opening Remarks                            | ASGO President: Dr. Jae-Weon Kim | Korea          |
| 08:20-08:30   | Opening Remarks                            | ASGO President-Elect: Dr. Masaki Mandai | Japan          |
| 08:30-08:40   | Opening Remarks                            | CMA Secretary General: Dafang Wang | China          |

#### Practice Changing Therapies and Novel Approaches
Moderator: Jiaxin Yang/Yu Wang/Wenjun Cheng/Wei Wang

| Time          | Topic                                      | Speaker                  | Country/Region |
|---------------|--------------------------------------------|--------------------------|----------------|
| 08:40-09:05   | Progress in rare ovarian tumors            | Jubilee Brown            | United States  |
| 09:05-09:30   | Re-irradiation of gynecological cancer or radiotherapy for recurrent gynecological cancer | Alexandra Taylor         | United Kingdom |
| 09:30-09:55   | Comprehensive analyses of ovarian cancer exosomes for clinical applications | Akira Yokoi              | Japan          |
| 09:55-10:20   | Clinical application of HIPEC with cytoreductive surgery for ovarian cancer | Myong Cheol Lim          | Korea          |
| 10:20-10:45   | Surgery after the PARPI maintenance therapy | Rongyu Zang              | China          |
| 10:45-11:10   | Novel intra operative imaging techniques and ideas in gynecologic oncology surgery | Pearl Tong               | Singapore      |
| 11:10-11:35   | Targeted therapy in uterine sarcoma        | Arb-a-roon Lertkhachonsuk | Thailand       |
| 11:35-12:00   | Laparoscopic modified Dargent radical trachelectomy for early-stage cervical cancer | Yang Xiang               | China          |
| 12:00-12:20   | Industry Symposium 1                       |                          |                |

#### Rare and Less Common Gynecologic Tumor Moderator: Danbo Wang/Dongyan Cao

| Time          | Topic                                      | Speaker                  | Country/Region |
|---------------|--------------------------------------------|--------------------------|----------------|
| 13:00-13:25   | Invasive stratified mucin-producing carcinoma: A distinct entity of HPV-associated endocervical adenocarcinoma | Eunhyang Park            | Korea          |
| 13:25-13:50   | Molecular characteristics and treatment progress of human papillomavirus negative cervical cancer | Hui Wang                 | China          |
| 13:50-14:15   | Fallopian tube as potential origin of endometriosis associated ovarian cancers | Wexin Zheng              | China          |
| 14:15-14:40   | Comprehensive genetic analysis and novel therapeutic approach in low-grade serous ovarian carcinoma | Kentaro Nakayama         | United States  |
| 14:40-15:05   | Do we need to treat clear cell carcinoma of ovary differently? | Dong Hoon Suh            | Korea          |
| 15:05-15:30   | Management of low grade epithelial ovarian cancer | Brahma Baskar             | Indonesia      |
| 15:30-15:55   | Molecular biology of malignant transformation of ovarian mature cystic teratoma | Kosuke Yoshihara         | Japan          |
| 15:55-16:15   | Industry Symposium 2                       |                          |                |

#### Debatable Topics in Gynecologic Oncology Moderator: Ruixia Guo/Xinyu Wang

| Time          | Topic                                      | Speaker                  | Country/Region |
|---------------|--------------------------------------------|--------------------------|----------------|
| 16:15-16:40   | Primary and secondary cervical cancer prevention in Malaysia | Woo Yin Ling            | Malaysia       |
| 16:40-17:05   | Role of predictive modeling in management of cervical cancer | Kittipat Charoenkwan     | Thailand       |
| 17:05-17:30   | Resection of pelvic retroperitoneal tumors by vaginal natural orifice translumenal endoscopic surgery (vNOTES) | Zhiqing Liang            | China          |
| 17:30-17:55   | Abnormal p53, endometrioid type endometrial cancer, a dilemma of clinical practice | Jen-Ruei Chen           | Taiwan         |
| 17:55-18:20   | Study of precancerous lesion and pathogenesis of uterine leiomyosarcoma | Beihua Kong              | China          |
| 18:20-18:45   | Contemporary issue in the management of cervical cancer: An Indian Perspective | Sudeep Gupta             | India          |
| 18:45-18:55   | Advertisement The 8th ASGO Biennial Meeting |                          |                |

ASGO, Asian Society of Gynecologic Oncology; CSGO, Chinese Society of Gynecologic Oncology.
The subject of the first session was Practice Changing Therapies and Novel Approaches. Dr. Jubilee Brown from SGO presented the progress in rare ovarian tumors. She discussed current trials in rare ovarian tumors, outlined surgical principles for management of rare ovarian tumors and specified therapy utilized to treat rare ovarian tumors. Then Dr. Alexandra Taylor from IGCS gave a lecture on re-irradiation of gynecological cancer and radiotherapy for recurrent gynecological cancer. She stated that re-irradiation is feasible and highly individualized. Dr. Akira Yokoi reported the clinical applications of ovarian cancer exosomes, which is a promising biomarker and potentially targetable in personalized medicine. Dr. Myong Cheol Lim reviewed the late progress in HIPEC with cytoreductive surgery for ovarian cancer. He suggested that new regimens and combined chemotherapy are warranted in HIPEC. Dr. Rongyu Zang reported their study results on surgery after the PARPi maintenance therapy. He held a conservative opinion in surgery after PARPi. Dr. Pearl Tong reported novel intra operative imaging techniques and ideas in gynecologic oncology surgery, including sentinel node mapping, vascular perfusion at bowel anastomotic site, ureteral mapping and identification of source of lymphatic leak, defining the margin of Paget’s disease and verifying vulval flap viability, etc. Dr. Arb-aroon Lertkhachonsuk presented the recent advances of targeted therapy in uterine sarcoma. Dr. Yang Xiang shared their experiences in laparoscopic modified Dargent radical tracheectomy for early-stage cervical cancer.

### Table 3. Program of ASGO 7th International Workshop on Gynecologic Oncology (day 2)

| Time    | Topic                                                                 | Speaker              | Country/Region |
|---------|-----------------------------------------------------------------------|----------------------|----------------|
| 08:00-08:25 | ENYGO activity; past, present, and future                           | Nicolò Bizzarri     | Italy          |
| 08:25-08:38 | Novel therapeutic approach for uterine leiomyosarcoma based on transcriptome analysis | Kosuke Yoshida       | Japan          |
| 08:38-08:51 | Psychosocial Burden in Women with Positive Human Papilloma Virus Testing after Abnormal Cervical Cytology: Atypical Squamous Cells of Undetermined Significance (ASC-US). | Chompunoot Kongsawatvorakul | Thailand |
| 08:51-09:04 | The acceptability of vaginal self-sampling for human papillomavirus (HPV) testing among a multi-ethnic Asian female population | Yogeeta Gunasagran | Malaysia       |
| 09:04-09:17 | Single-cell transcriptomics reveals tissue architecture in ovarian carcinosarcoma | Junfen Xu           | China          |
| 09:17-09:30 | Oncological and reproductive outcomes after fertility-sparing surgery in patients with serousmucinous borderline ovarian tumor: results of a large retrospective study | Dan Wang             | China          |
| 09:30-09:43 | Efficacy and impact of PARPi monotherapy to subsequent platinum-based chemotherapy in BRCA1/2 mutant ovarian cancer patients with secondary platinum-sensitive relapse | Kun Song             | China          |
| 09:43-09:56 | A prospective multicenter cohort study comparing vNOTES and laparoscopic sentinel lymph node mapping for endometrial cancer | Yanzhou Wang        | China          |

### Young Doctor Session 2 Moderator: Xiaojun Chen/Shengtao Zhou/Ning Li/Chaoyang Sun

| Time    | Topic                                                                 | Speaker              | Country/Region |
|---------|-----------------------------------------------------------------------|----------------------|----------------|
| 09:56-10:09 | A case of isolated inguinal nodal cancer of Mullerian origin       | Jeslyn Wong          | Singapore      |
| 10:09-10:22 | Epithelial-mesenchymal transition in fertility sparing management of endometrial cancer | Jie Yang             | China          |
| 10:22-10:35 | Significance of TCGA molecular classification in fertility-sparing treatment of endometrial cancer and atypical hyperplasia | Yiqin Wang          | China          |
| 10:35-10:48 | Real-world outcomes of Niraparib treatment in patients with ovarian cancer - the first observational multicenter study in China | Jin Li               | China          |
| 10:48-11:01 | Exploiting DNA Replication Stress for Sequential Therapy with PARP and WEE1 Inhibitors | Yong Fang           | China          |
| 11:01-11:14 | The randomized controlled trial on the efficacy of surgical debunking of metastatic lymph nodes in cervical cancer stage IIICr | Dongling Zou        | China          |
| 11:14-11:27 | Diagnostic performance of Magnetic Resonance Imaging in patients with operable cervical cancer: a Retrospective study. | Rohini Kulkarni     | India          |
| 11:27-11:40 | A carrier as a gynecologic oncologist: in an academic hospital in a developing country | Hari Nugroho        | Indonesia      |
| 11:40-11:50 | Closing Remarks                                                      | CSGO: Dr. Yang Xiang | China          |
| 11:50-12:00 | Advertisement The 8th ASGO Biennial Meeting: see you next year!     |                      |                |

ASGO, Asian Society of Gynecologic Oncology; CSGO, Chinese Society of Gynecologic Oncology; ENYGO, Network of Young Gynae Oncologists; vNOTES, vaginal natural orifice translumenal endoscopic surgery.
The second session focused in Rare and Less Common Gynecologic Tumor. Dr. Eunhyang Park reviewed invasive stratified mucin-producing, human papillomavirus (HPV)-associated endocervical adenocarcinoma from pathologic perspective. Dr. Hui Wang shared their research results in molecular characteristics and treatment progress of HPV negative cervical cancer, which had different molecular pattern from HPV positive cervical cancer. Dr. Wenxin Zheng reviewed the histologic features of endometriosis associated ovarian cancers which provided evidences for the hypothesis of fallopian tube origin. Dr. Kentaro Nakayama comprehensively reported the genetic analysis and novel therapeutic approach in low-grade serous ovarian carcinoma. He suggested patient derived organoid can be utilized in personalized treatment. Dr. Dong Hoon Suh shared his view in management of clear cell carcinoma. According to Dr. Suh, different management strategies should be used in patient with different stages, and targeting ARID1A pathway maybe promising in management of patients with advanced stage. Dr. Brahmana Askandar gave a lecture on management of low grade epithelial ovarian cancer. Surgery remained the most efficient treatment in achieving long term survival. Dr. Kosuke Yoshihara reported the molecular biology of malignant transformation of ovarian mature cystic teratoma. He found that more than 80 percent of patients had druggable genomic alterations and most patient had immunologically hot tumors.

The subject of the third session was debatable topics in gynecologic oncology. Dr. Woo Yin Ling reported the current situation of primary and secondary cervical cancer prevention in Malaysia. Dr. Kittipat Charoenkwan presented a predictive modeling in management of cervical cancer. Dr. Zhiqing Liang demonstrated a delicate surgery video of dissecting pelvic retroperitoneal tumors by vaginal natural orifice translumenal endoscopic surgery (vNOTES). Dr. Jen-Ruei Chen raised clinical concerns and meaningful study questions in management of Abnormal p53, endometrioid type endometrial cancer. Dr. Beihua Kong presented their molecular study results of precancerous lesion and pathogenesis of uterine leiomyosarcoma. Dr. Sudeep Gupta shed the light of contemporary issue in the management of cervical cancer in Indian.

2. Young doctor sessions (August 28th, 2022)

A total of 15 topics were presented in the Young Doctor sessions. There were 9 young gynecologic oncologists from China and others from India, Indonesia, Japan, Malaysia, Singapore and Thailand.

They have presented their clinical and basic research results in the morning of August 28th.

In the first session, Dr. Kosuke Yoshida presented a novel therapeutic approach for uterine leiomyosarcoma based on transcriptome analysis. His team found that CHEK1 and PLK1 are promising therapeutic targets for ULMS. The second speaker Dr. Chompunoot Kongsawatvorakul shared his study on Psychosocial burden in women with positive HPV testing after abnormal cervical cytology: atypical squamous cells of undetermined significance (ASC-US), which called gynecologic oncologist to pay the attention in patient with positive HPV, especially in women who are younger than 50 years old, single/divorced/widowed, or sexually active. Dr. Yogeeta Gunasagran shared a promising approach of vaginal self-sampling for HPV testing among a multi-ethnic Asian female population. Dr. Junfen Xu reported results of a basic study in ovarian carcinosarcoma with single-cell transcriptomics approach. Dr. Dan Wang presented a retrospective study on oncological and reproductive outcomes after fertility-sparing surgery in patients with seromucinous borderline ovarian tumor. He stated patient who underwent cystectomy can be managed by close surveillance if imaging negative. Dr. Kun Song reported equivalent efficacy in PARPi monotherapy to
subsequent platinum-based chemotherapy in BRCA1/2 mutant ovarian cancer patients with secondary platinum-sensitive relapse. Dr. Yanzhou Wang shared a cohort study comparing vNOTES and laparoscopic sentinel lymph node mapping for endometrial cancer.

In the second session, Dr. Jeslyn Wong presented a case of isolated inguinal nodal cancer of Mullerian origin. Dr. Jie Yang reported two endometrial cancer patients who developed carcinosarcoma after hormonal treatment for fertility preserving. Dr. Yiqin Wang shed a light on TCGA molecular classification in fertility-sparing treatment of endometrial cancer and atypical hyperplasia. Dr. Jin Li reported the real-world outcomes of Niraparib treatment in patients with ovarian cancer in China. Dr. Yong Fang shared his basic study of Exploiting DNA Replication Stress for Sequential Therapy with PARP and WEE1 Inhibitors. Dr. Dongling Zou presented the result of a randomized controlled trial on the efficacy of surgical debulking of metastatic lymph nodes in cervical cancer stage IIICr. Dr. Rohini Kulkarni reported a retrospective study on diagnostic Magnetic Resonance Imaging in patients with operable cervical cancer. Dr. Hari Nugroho shared his views as a gynecologic oncologist in an academic hospital in a developing country.

At the end of the conference, Dr. Yang Xiang gave a closing remark and announced a complete success of the ASGO 2022 workshop. All the presentations were intentionally prepared. Attendees enjoyed the weekend full of learning and found the workshop fruitful. By all of the participant’s efforts, 7th ASGO workshop meeting achieved a great success. Thanks to all the speakers, attendees and ASGO stuffs for their time and efforts. As ASGO president Jae-Weon Kim addressed: ‘I dream of seeing the future ASGO meeting, such as gathering 2,000–3,000 participants from Asia and from all over the world, high-quality education, and first-in-class scientific findings presented first in the ASGO meeting.’ We have a lot of work ahead of us. We hope all the ASGO members continually grow their professional knowledge, networking, and devotion to women’s health in the Asian country. As a team, we are confident that working together, we can craft a promising future in Asia.

As a next academic activity, the ASGO Biennial Meeting will change to annually. The 8th ASGO meeting will take place on December 1–3, 2023 at HNBK International Convention Center, Taipei. We Look forward to meeting you all in person at the next ASGO meeting.