

**POSTER PRESENTATION SCHEDULE**

**The 6th International Conference on Healthcare, SDGs, and Social Business & SocialTech Summit**  
**August 28-30, 2024, Hiroshima University, Japan and Online**  
[www.conf.socialtech.global](http://www.conf.socialtech.global)

**Day 1: August 28, 2024 (Wednesday)**

Kojin Kaikan Main Hall, 2nd Floor

Time	Session		Session Chair/Key Persons	
	Paper ID	Title	Authors	Presenter
12:00-13:00	S_3	Prospects of Robotic Surgery in Bangladesh to improve gynecological surgery outcomes in Bangladesh: A Scoping Review	Beauty Rani Sarker, Rajan Kumar Das, Namira Rahman, Md Moshir Rahman	Beauty Rani Sarker / Rajan Kumar Das
	7	Identification of Shh signaling pathway-related gene expression profiles in Bangladeshi breast cancer patients	Mizanur Rahman, Kawser Akm, Shafiqul Islam, Mohammad Jewel Mia, Sumaiya Kawsar Sabiha, Rekha Akter, S.M. Sabbir Alam, Mohammed Moinul Islam, Ramendu Parial, Sunanda Baidya, Abu Shadat Mohammad Noman, Muhammad Mosaraf Hossain and Nahida Afrin	Mizanur Rahman
	9	Recommendations for public health system resilience building after the 2023 Kahramanmaraş earthquakes: A Scorecard implementation study	Ismail Tayfur, Mayumi Kako, Abdülkadir Gündüz, Md Moshir Rahman, Perihan Şimşek, Benjamin Ryan, Shelby Garner, Burcu Bayramoğlu, Chie Teramoto and Yosuke Takada	Ismail Tayfur
	13	Implementation of AI-based Vision Filter using Spectrum Correction for Color Weakness People	Siwoo Byun	Siwoo Byun
	15	The Dilemma of AI in Healthcare: An Umbrella Review	Munzur Murshid, Md Mahub Murshid and Md Moshir Rahman	Munzur Murshid
	20	Socioeconomic Determinants of Suicide Rates and Mental Health: A Multivariate Analysis Approach	Syeda Sabrina Easmin Shaba and Md. Razeen Ashraf Hussain	Syeda Sabrina
	21	Lifestyle and Polycystic ovarian syndrome, digital implication and depression state – a narrative review	Sadia Akter, Yoko Shinpuku and Rahman Md Moshir	Sadia Akter
	22	The impact of psychological distress on self-care ability among patients with cancer in Bangladesh	Md Marufur Roshid, Md Moshir Rahman, Mohammad Habibur Rahman Sarker, Kaniz Fateema Eity and Hitoshi Okamura	Md Marufur Roshid
	23	Socio-demographic and clinical factors of hypertension among the pregnant women in urban and rural hospitals in Bangladesh	Habiba Shirin, K.A.T.M. Ehsanul Huq and Michiko Moriyama	Habiba Shirin
	24	An AI-Driven Solution for Transforming Paper-Based Medical Records into Digital Formats	Mohamed Mehfood Bouh, Forhad Hossain and Ashir Ahmed	Mohamed Mehfood Bouh
	26	Socio-demographic and clinical factors and recovery of clinical features of severe pneumonia among under-five children with malnutrition in urban health care facilities of Bangladesh	K.A.T.M. Ehsanul Huq, Habiba Shirin and Michiko Moriyama	K.A.T.M Ehsanul Huq
	28	Role-Based Speaker Diarization in Healthcare: Optimizing Patient-Doctor Interactions	Manan Vinod Shah, Alpik Pragnesh Bhandari and Ashir Ahmed	Shah Manan Vinod
	32	Effectiveness of virtual reality education on food safety: an example of meat hygiene inspection training in veterinary education	Ryota Matsuyama, Leo Uchida, Kyoko Chisato, Makoto Ukita, Akira Fukuda, Satoshi Gondaira, Rika Fukumori, Masaru Usui, Hidetoshi Higuchi, Shin Oikawa, Yasukazu Muramatsu and Kohei Makita	Ryota Matsuyama
	35	Towards distributed cooperative analytics for health education in developing communities	Shin'Ichi Konomi, Lulu Gao, Doreen Mushi and Baofeng Ren	Shin'Ichi Konomi
	38	Assessment of health literacy regarding smoking behavior among the company employees: A cross-sectional study	Ashrafur Islam Reshad, Hiromi Kawasaki, Md Moshir Rahman and Misaki Shiraishi	Ashrafur Islam Reshad
25	Artificial intelligence in customized healthcare: Application of AI algorithms addressing challenges and maximizing opportunities for personalized medicine transformation	Sujit Kumar Biswas, Md. Arifur Rahman, Dr. A B M Alauddin Chowdhury and Mohian Ul Islam	Sujit Kumar Biswas	
39	Prevention of recurrence of stroke by providing health education to stroke patients and their caregivers to control modifiable risk factors: Protocol for a Randomized Control Trial	Mahabuba Afrin, K.A.T.M. Ehsanul Huq, Sharif Uddin Khan, Subir Chandra Das and Michiko Moriyama	Mahabuba Afrin	

**Day 2: August 29, 2024 (Thursday)**

[Room: 206, Health Science Building, 2nd Floor]

Zoom: ( <https://us02web.zoom.us/j/81267454433?pwd=cHU8L7TtNmn8MYAnRuaTTkxpR75g1d.1> ) Meeting ID: 812 6745 4433, Passcode: 515781

Time	Session		Session Chair/Key Persons	
	Paper ID	Title	Authors	Presenter
12:00-13:00	4	MACHINE LEARNING FOR DISEASE DIAGNOSIS	Ashfca Tahsin, Ramisa Fariha and Md Moshir Rahman	Ashfca Tahsin
	6	How diagnostic medical ultrasonography contributing in positive pregnancy outcome in Bangladesh: A Scoping Review	Namira Rahman, Mahub Murshid and Md. Moshir Rahman	Namira Rahman
	8	Enumerating miR-424-503 cluster expression in patients with diverse molecular subtypes of breast cancer from Bangladesh	Muhammad Mosaraf Hossain, Jewel Mia and Rekha Akter	Muhammad Mosaraf
	19	Understanding Mismedication of Non-Communicable Diseases in Telecare Systems for Developing Countries	Soichiro Yoshida, Taka Yanagi, Manan Vinod Shah and Ashir Ahmed	Soichiro Yoshida
	37	Designing an IoT Based Non-Invasive Glucometer and Platelet Counter	Abdullah Al Noman and Forhad Hossain	Abdullah Al Noman

## PAPER PRESENTATION SCHEDULE

**The 6th International Conference on Healthcare, SDGs, and Social Business & SocialTech Summit**  
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**Day 1: August 28, 2024 (Wednesday)**

[Room: Kojin Kaikan Main Hall, 2nd Floor]

[Zoom: ( <https://us02web.zoom.us/j/85825126705?pwd=oBnOOpShDpsvFaipeiOxZy/CgZae9u.1> ) Meeting ID: 858 2512 6705, Passcode: 686690]

Time	Session		Session Chair/Key Persons	
	Paper ID	Title	Authors	Presenter
13:00-14:30	10	Effect of Age and Body Size on Ovarian Development and Fecundity of <i>Culex quinquefasciatus</i> Say (Diptera: Culicidae)	Afsana Al Latif, Kabirul Bashar, Tabassum Mostofa Mim and Tonima Akhi	Afsana AL Latif
	33	Assessment of Medical Transcriptions in Low-Resource Language for the Underserved Population	Prajat Paul, Nadia Binte Rahman Peeya, Md Jobayer Hossain Chowdhury and Ashir Ahmed	Prajat Paul
	30	Understanding the Influence of Socioeconomic and Health System Variables on Global Pandemic Management: A Secondary Data Analysis	Md. Razeen Ashraf Hussain, Syeda Sabrina Easmin Shaba and Ruhul Quddus	Md. Razeen Ashraf Hussain
	31	An Age-Period-Cohort Analysis of Suicide Mortality Rates by Gender in Japan, 1995–2019	Syeda Sabrina Easmin Shaba, Tatsuhiko Kubo, Yui Yumiya, Ami Fukunaga and Odgerel Chimed-Ochir	Syeda Sabrina
	44	Methods to Reduce False Negatives without Sacrificing Machine Learning Model Performance	Tatsuya Matsumoto and Ashir Ahmed	Tatsuya Matsumoto
	27	Evaluating the Social and Financial Benefits of a Digital Health Management System in Developing Countries	Forhad Hossain, Mohamed Mehoud Bouh and Ashir Ahmed	Forhad Hossain
	S4	Assessment of Insecticide Resistance and Voltage-Gated Sodium Channel Gene Mutations in <i>Aedes aegypti</i> Mosquitoes in Bangladesh	Md. Mujammel Haque, Kabirul Bashar, AMAM Zonaed Siddiki, Moumita Sharmin Jhara, Israt Jahan, Md. Khalilur Rahaman, Md. Nazmul Islam, Md. Ekramul Haque, Shyamol Kumar Das, Sheikh Daud Adnan, Meheddi Anam, Md. Jubayed Khalil, Md. Shariful Islam, Md. Sirajul Islam Sumon, Md. Tarikul Islam, Md. Rakibuzzaman, Shahina Akther, Mohammad Ali	Md. Mujammel Haque

**Day 2: August 29, 2024 (Thursday)**

[Room: 203, Health Science Building, 2nd Floor]

[Zoom: ( <https://us06web.zoom.us/j/86123896455?pwd=12VrgBp2V1ldMX0Gha4ZovlXbcWLMo.1> ) Meeting ID: 861 2389 6455, Passcode: 635781]

	Paper ID	Title	Authors	Presenter
9:00-10:30	18	Understanding the Reach of Telemedicine: Awareness and Usage Among Bangladesh's Rural and Urban Populations	B M Anichur Rahman, Forhad Hossain and Nur Abir	B M Anichur Rahman
	29	Entrepreneurial Landscapes in Indonesian Digital Health: A Comprehensive Outlook	Amika Rois, Mohamad Diky Yuliandana, Elza Fransisca and Forhad Hossain	Mohamad Diky Yuliandana
	43	Nurses' knowledge regarding Evidence-Based Practice to prevent ventilator-associated pneumonia (VAP)- a meta-analysis	Nahida Akhter, Dr. Tingjia Wang and Prof. Michiko Moriyama	Nahida Akhter
	36	Prospects and Challenges of Digital Health-Enabled Preventive Care in a Rural Area of Bangladesh	Md Asrafuzzaman, Md Sakayet Hossain and Forhad Hossain	Md Asrafuzzaman
	34	Identifying the True Owner of Medical Documents in Personalised Health Records Systems	Peeya Nadia Binte Rahman, Prajat Paul, Forhad Hossain and Ashir Ahmed	Peeya Nadia Binte Rahman
	S_2	Islamic Social Finance, Social Business, and Health Equity	Reazul Islam	Reazul Islam

**Day 3: August 30, 2024 (Friday)**

[Room: Kojin Kaikan Main Hall, 2nd Floor]

[Zoom: ( <https://us06web.zoom.us/j/88094287406?pwd=XSlbbu7cxelUFSajLOUgsnpPd1r7nk.1> ) Meeting ID: 880 9428 7406, Passcode: 608937]

	Paper ID	Title	Authors	Presenter
13:00-14:45	S_1	Innovative Social Business Strategies for HIV and STI Screening and Counseling: Transforming Healthcare through Digital Solutions	Tanawan S. C., Jonathan B. S., Callum M., Pathit O., Wiwat M., Faiz H. S. onzague J. and Nicolas S.	Dr. Tanawan Carraway
	1	An Effective Machine Learning Framework for Sleep Disorders Detection	Md. Mahbob Murshid, Mohammed Nasir Uddin, Md Moshir Rahman, Yoko Shimpuku, Munzur-E Murshid and Namira Rahman	Md Mahbob Murshid
	16	Transforming School Health Services through Social Business: A Case Study in a Developing Country	Jahan Ruma Akhtar Shirin, Forhad Hossain, Md. Sorifur Rahman Sohag, Md Ataur Rahman and Gazi Manzurul Islam	Jahan Ruma Akhtar Shirin
	17	Feasibility of LLM based Generative AI for Transformation of the UI/UX of mHealth applications	Mohammad Bilal Firoz, Syed Usama Bukhari and Ashir Ahmed	Mohammad Bilal Firoz
	41	Real-Time Data Retrieval from Life-long Medical History Using Small Language Model	Syed Usama Hussain Shah Bukhari, Forhad Hossain and Ashir Ahmed	Syed Usama Hussain Shah Bukhari
	40	Using Graph Neural Networks (GNNs) in Personal Health Records (PHRs), based on literature survey	Takaaki Jonishi and Md Shoaib Bhuiyan	Takaaki Jonishi
	42	Use of Extended Reality on Patient Education and its Impact: A Systematic Review	Md Jobayer Hossain Chowdhury, Nadia Binte Rahman Peeya, Forhad Hossain and Ashir Ahmed	Md Jobayer Hossain Chowdhury