

Clinical Presentations

featuring MolecuLight
i:X

WUWHS 2022

GLOBAL HEALING
CHANGING LIVES

ABU DHABI UAE

MARCH 1-5

Tuesday, March 1st

Society Meeting - International Surgical Wound Complications Advisory Panel (ISWCAP)

8:00 AM - 9:30 AM

Hall 4 (Part B)

Global launch of ISWCAP



Chair: Kylie Sandy-Hodgetts

8:40 AM - 8:50 AM

Early detection of wound infection: advances in diagnostics



Dr. Thomas Serena

Society Meeting - Association for the Advancement of Wound Care (AAWC)

3:45 PM - 4:15 PM

Hall 4 (Part A)

The era of wound care diagnostics



Chair: Dr. Thomas Serena

Wednesday, March 2nd

Focus Session (FS) 01: Outcome measurement

08:50 AM - 08:55 AM

Hall 4 (Part B)

(ID 456) In vivo and in vitro detection of porphyrin-producing wound pathogens, planktonic and in biofilm, with real-time bacterial fluorescence imaging



Laura Jones, Andrea Lopez, Monique Y. Rennie, Liis Teene, Ralph S. DaCosta, Allie C. Smith

Focus Session (FS) 05: Clinical trials in wound care

08:50 AM - 08:55 AM

Capital Suites 3

(ID 501) The safety of punch biopsies in a large multi-center clinical trial



Windy Cole, Stacey Coe, Kristina Harrell, Laura Serena, Raphael Yaakov and Thomas E. Serena

Wednesday, March 2nd

11:00 AM - 12:30 PM

Capital Suite 3

FC 16 - ID 292 Bacterial fluorescence imaging guides wound assessment, wound bed preparation, and treatment planning in a multi-site clinical trial



Dr. Thomas Serena, Khristina Serena, Laura Serena, Matthew Sabo, Keyur Patel, DO Lam Le Gabriel Halperin, Maria Kasper, Patrick Briggs, Marc Baer, Kerry Thibodeaux

04:00 PM - 06:00 PM

Capital Suite 5

FC 05B - ID 205/(N) Wound hygiene: which cleansing agents and techniques are most effective?



Laura Jones, PhD

FC 05B- ID 213/(N) Guidelines for point-of-care fluorescence imaging for detection of wound bacterial burden based on delphi consensus



Dr. Thomas Serena

FC 05B- ID 216/(N) A picture is worth 10,000 microbes: why imaging may augment IWGDF criteria when it comes to DFU bacterial burden



Dr. Thomas Serena

Workshop (WS) 06: Wound infections

04:40 PM - 05:20 PM

Conference Hall B

You don't know what you can't see: novel diagnostics will save limbs and lives



Dr. Thomas Serena



Clinical Presentations

featuring MolecuLight
i:X

WUWHS 2022

GLOBAL HEALING
CHANGING LIVES

ABU DHABI UAE

MARCH 1-5

Thursday, March 3rd

02:15 PM - 03:30 PM

Capital Suite 7

FC 78 - ID 275 Tissue saving approach by guided debridement with fluorescence imaging - or how to treat a sternal surgical site infection with pseudomonas aeruginosa



Rotering Heinrich, Dell'Aquila Angelo

Symposium (SY) 20: Pyoderma gangrenosum

03:15 PM - 03:20 PM Conference Room A (Part A + Foyer)

(ID 446) How little we know about wound bacterial burden



Dr. Thomas Serena, Kristina Harrell, Laura Serena, Raphael Yaakov, Keyur Patel, Matthew Sabo, Kerry Thibodeaux, Maria Kasper, Gabriel Halperin, Patrick Briggs, Marc Baer, Neal Bullock, Daniel DiMarco, Windy Cole, Rachel Hamil, Elizabeth Clapp

Friday, March 4th

Focus Session (FS) 15: Surgical wound complications

11:30 AM - 12:00 PM

Capital Suite 3

New advances in the early identification of wound infection



Dr. Thomas Serena

02:15 PM - 03:30 PM

Capital Suite 5

FC 109 - ID 859 Correlation between bacteria fluorescence detection and pH evaluation on chronic wounds bed



Loggini Barbara, Davini Giulia, Ingegneri Andrea, Janowska Agata, Vitucci Roberta, Romanelli Marco

Friday, March 4th

Workshop (WS) 20: Negative pressure wound therapy

05:00 PM - 05:30 PM

Conference Hall B

Detecting and controlling the bacterial burden in negative pressure wound therapy



Dr. Thomas Serena

Saturday, March 5th

Focus Session (FS) 17: Wound imaging

08:20 AM - 8:40 AM

Hall 4 (Part B)

Optical detection of bacteria: changing the paradigm



Dr. Thomas Serena

09:00 AM - 10:30 AM

Capital Suite 5

FC 147 - ID 799 The use of real-time bacterial fluorescence signals in management of hidradenitis suppurativa: a pilot study



Iannone Michela, Benincasa Bianca Benedetta, Janowska Agata, Davini Giulia, Vitucci Roberta, Oranges Teresa, Romanelli Marco, Dini Valentina

Posters

featuring MolecuLight
i:X

WUWHS 2022

GLOBAL HEALING
CHANGING LIVES

ABU DHABI UAE

MARCH 1-5

PO050 - ID 360

“The use of an advanced fluorescence imaging system to target wound debridement, decrease bioburden, improve healing rates, and provide positive revenues in an outpatient wound care setting”



Cole Windy

PO063 - ID 954

“Fluorescence biomodulation in venous leg ulcers: A retrospective comparative study with standard of care”



Davini Giulia, Dini Valentina, Janowska Agata, Fauverghe Stéphane, Romanelli Marco

PO138 – ID 1041

“Evaluation of the MolecuLight *i:X*™ device to assess non-healing acute and chronic wounds within an advanced nurse practitioner (ANP) led wound clinic”



Murdoch Julie, McCluskey Pat

PO287 – ID 985

“Real-world evidence demonstrating utility of bacterial fluorescence imaging to guide treatment decision making in 135 wounds”



Rennie Monique, Jones Laura, Jacob Ashley, Mackey Alyssa, Krehbiel Nathan, D'souza Anna

PO337 – ID 496

“A prospective multi-site observational study incorporating bacterial fluorescence information into the upper/lower infection checklists”



Hill Rosemary, Woo Kevin

PO379 – ID 483

“Routine assessment of chronic wounds can efficiently incorporate wound size and bacterial fluorescence information with a point-of-care imaging device”



Jones Laura, Rennie Monique, Tapang Kim, Linden Ron

PO391 – ID 283

“Wound assessment paradigm shift: a 350-patient multi-site clinical trial incorporating bacterial fluorescence imaging into standard of care”



Serena Thomas, Harrell Kristina, Serena Laura, Patel Keyur, Sabo Matthew, Thibodeaux Kerry, Kasper Maria, Le Lam, Halperin Gabriel, Briggs Patrick, Baer Marc, Bullock Neal, DiMarco Daniel, Cole Windy, Hamil Rachel, Clapp Elizabeth

PO395 – ID 770

“Bacterial fluorescence imaging used as a guide for an accurate and targeted wound sampling and debridement: a multicentric experience in general surgery”



Foggetti Domitilla, Carnali Maurizio, Arcuri Giovanni, Sampaolo Sabina, Ferretti Cinzia, Bertinelli Silvia, Muzzini Sara

PO435 – ID 986

“*In vivo* detection of bacteria within a biofilm using a point-of-care fluorescence imaging device”



Rennie Monique, Lopez Andrea, Reynolds Landrye, Diaz Rachel, George Isaiah, Little William, Jones Laura, Smith Allie

PO462 – ID 457

“Health economics of bacterial fluorescence imaging: realized cost savings with fluorescence informed sampling of chronic wounds”



Rennie Monique, Teene Liis



Posters

featuring MolecuLight
i:X

WUWHS
2022

GLOBAL HEALING
CHANGING LIVES

ABU DHABI
UAE

MARCH 1-5

ID 79/(N)

“Investigation of bacterial colonisation of wound dressings and efficacy of mechanical debridement: results of a prospective study with 151 patients using fluorescence imaging”



Moelleken Maurice

ID 214/(N)

“Are semi-quantitative clinical cultures inadequate? Comparison to quantitative analysis of 1053 bacterial isolates from 350 wounds”



Serena Thomas

ID 207/(N)

“Detection of bacterial fluorescence from *in vivo* wound biofilms using a point-of-care fluorescence imaging device”



Jones Laura

ID 215/(N)

“Reliance on clinical signs and symptoms of bacterial burden in chronic wounds leads to the misuse of antimicrobials: analysis of the FLAAG clinical trial”



Serena Thomas

ID 211/(N)

“12-week RCT evaluating impact of routine fluorescence imaging of bacteria on DFU healing rates”



Rennie Monique, Jones Laura

ID 212/(N)

“Uncovering the high prevalence of bacterial burden in surgical site wounds with point-of-care fluorescence imaging”



Serena Thomas

Visit our Booth

Be sure to **visit the MolecuLight Booth #A-06** in the Exhibit Hall and see the *i:X* point-of-care imaging device for detecting bacteria and performing digital wound area measurement.

