

2nd International Conference onWOUND CARE, TISSUE REPAIR
AND REGENERATIVE MEDICINE

&

World Congress on

MICROBIOLOGY & APPLIED
MICROBIOLOGY

February 21-22, 2019 | Paris, France

Atypical ulcers: Definition and diagnosis**Sandra Marinovic Kulisic**

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Wounds mean disruption of normal continuity of structures. Ulcers are excavations of the skin that reach at least to the depth of the dermis. Ninety-five percent of atypical ulcers manifest as one of the above mentioned entities. Other forms of chronic wounds represent atypical ulcers, which can be caused by autoimmune disorders, infectious diseases, vascular diseases and vasculopathies, metabolic and genetic diseases, neoplasm, external factors, drug related reactions, etc.

The features of atypical ulcers are the following; difficult to recognize, pose problems in making an accurate diagnosis, and especially complex treatment. They are characterized by inflammation and infections caused by rare agents from the environment, low virulence microbes, predominantly bacteria and fungi, multiple-resistant strains, opportunistic microbes.

The diagnosis of atypical ulcers is very difficult. Although a wound biopsy generally is recommended in the case of refractory, nonhealing ulcers or when wounds present with atypical signs and symptoms, little is known about the

distribution of atypical ulcers.

Molecular and histologic analysis of atypical ulcers have been suggested as a method to validate the use of debridement. The non healing edge contains cells with molecular markers indicative of healing impairment.

Speaker Biography

Sandra Marinovic Kulisic was born in 1976. She currently working in Department of Dermatology and Medicine, University of Zagreb. She completed her education MD, MS in 2008, specialization in dermatovenerology in 2010 and MD, PhD 2014 as research associate. She completed many training courses on vein surgery, wound healing, pediatric allergology and dermatology etc. She is also having membership in various associations like Croatian Medical Association since 2001, Croatian Society Dermatovenerologic Croatian Medical Association since 2003, Croatian Catholic Medical Society since 2004, Croatian Association for early 2007, member of the European Wound Management Association since 2006, a member of the Austrian and Italian society for phlebomist from the 2010 and UEMS Thematic Federation Wound Healing in 2016. She received various awards like Scientific Award "Borislav Nakic" Croatian Academy of Medical Sciences, for the best scientific work in the field of medicine published in 2008, recognition of the Croatian Medical Association in 2011. She has many publications in international journals.

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