MINUTES

WORKING GROUP 19 Dermatology

Date and Time
Tuesday 25th May 2021
1500 – 1600 US Eastern Time

Presiding Officers
Liam Caffery, User Co-Chair
Josep Malvehy, Vendor Co-Chair

DICOM Secretariat
Carolyn Hull, General Secretary, DICOM

WG-19 Meeting Folder: Each meeting of a DICOM Working Group (WG) must have a separate folder for each meeting. The link to the WG-19 master FTP folder is below. All 2020 WG-19 meeting folders are in the 2020 WG-19 master folder. The agenda and all relevant documents must be placed in this folder in advance of the teleconference.
ftp://d9-workgrps:Private15@medical.nema.org/MEDICAL/Private/Dicom/WORKGRPS/Wg19/2021

<table>
<thead>
<tr>
<th>Present</th>
<th>First Name</th>
<th>Last Name</th>
<th>Initials</th>
<th>Organization</th>
<th>Voting Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Present</td>
<td>Liam</td>
<td>Caffery</td>
<td>LC</td>
<td>The University of Queensland, Brisbane, Australia</td>
<td>Voting</td>
</tr>
<tr>
<td>Apology</td>
<td>David</td>
<td>Clunie</td>
<td>DC</td>
<td>PixelMed Publishing, PA, USA</td>
<td>Voting</td>
</tr>
<tr>
<td>Present</td>
<td>Melissa</td>
<td>Gill</td>
<td>MG</td>
<td>SkinMedical Research and Diagnostics, NY</td>
<td>Voting</td>
</tr>
<tr>
<td></td>
<td>Endrit</td>
<td>Gjona</td>
<td>EG</td>
<td>Canfield Scientific, NJ, USA</td>
<td>Voting</td>
</tr>
<tr>
<td>Present</td>
<td>Salvador</td>
<td>Gonzalez</td>
<td>SG</td>
<td>Alcalá University, Madrid, Spain</td>
<td>Observer</td>
</tr>
<tr>
<td></td>
<td>Pascale</td>
<td>Guitera</td>
<td>PG</td>
<td>Melanoma Institute Australia, Sydney, Australia</td>
<td>Voting</td>
</tr>
<tr>
<td>Present</td>
<td>Paul</td>
<td>Hemer</td>
<td>PH</td>
<td>Caliber I.D.</td>
<td>Observer</td>
</tr>
<tr>
<td></td>
<td>Dirke</td>
<td>Holle</td>
<td>DH</td>
<td>Canfield Scientific GmbH</td>
<td>Voting</td>
</tr>
<tr>
<td>Present</td>
<td>Carolyn</td>
<td>Hull</td>
<td>CH</td>
<td>MITA</td>
<td>Voting</td>
</tr>
<tr>
<td></td>
<td>Caterina</td>
<td>Longo</td>
<td>CL</td>
<td>University of Modena and Reggio Emilia, Italy</td>
<td>Observer</td>
</tr>
<tr>
<td>Apology</td>
<td>Josep</td>
<td>Malvehy</td>
<td>JM</td>
<td>University of Barcelona, Spain</td>
<td>Voting</td>
</tr>
<tr>
<td>Present</td>
<td>Ardigo</td>
<td>Marco</td>
<td>AM</td>
<td>Istituto San Gallicano, Roma, Lazio, Italy,</td>
<td>Voting</td>
</tr>
</tbody>
</table>
1. Opening
   1.1 Introductions and opening
   1.2 Review of antitrust and patent rule: CH read the antitrust statement per DICOM/NEMA policies.
   1.3 Minutes of the previous meeting were endorsed by MG and PH

2. DICOM Technical Work Item information

Discussion on confocal microscopy (CM) supplement:

- Correlation of confocal to macroscopic/dermoscopic image is done using an x,y co-ordinate. The staged area is built from FoV
- Ex-vivo is most often performed at bedside but sometimes container/barcode available. Add specimen module as U
- Pregnancy status is not mandatory
- Reasons for exam include: diagnosis, margin mapping, margin status, monitoring therapy, biopsy site selection, follow up
- Z-stack images should be stored as discrete images (users want to mouse scroll through images at their “own pace”). Currently stored as discrete images by vendors.
- Z-stack images are equidistant apart. User defines distance.
- Depth in micron is needed; Depth the number of motor steps is not needed.
- Ex-vivo tissue may be imaged both in reflectance and fluorescent mode. These images should be stored separately. Specialty viewers will allow toggling of reflectance and fluorescent mode which is represented as a pink or purple “overlays”. Discussion needed to determine if they can be encoded in pyramid encoding. Leave ICC Color Profile to allows pink images and purple images to be stored as RGB images.
- Need to store stain as attribute
- In the In-vivo imaging acquisition context it would be best to be able to identify topical steroids, topical antibiotics, topical antifungal.
- Optical magnification is used.

Action items:
- Attributes for ex vivo imaging acquisition context – AD, SG
- Add description to Confocal Microscopy Image Module Attributes - PH
3. **Old Business**  
   No other business was discussed

4. **New Business**  
   No other business was discussed

5. **Other Business**  
   No other business was discussed

6. **Next Meetings – tcons: Last Tuesday of each month, 1500 US ET**  
   Tuesday 29th June 2021 1500 US EST

7. **Next Meetings - F2F**  
   None planned whilst COVID travel restrictions in place

8. **Adjournment**  
   1611 Tuesday 25th May 2021 US EST

Reviewed by Counsel 6/1/2021