

## HL7 system operation training

GENERAL INFORMATION

**Dates** June 20-23, 2022

**Venue** Munich NTA, Germany

### Course objectives

- Understand HL7 fundamentals concepts
- Understand how to approach a project involving interoperability among healthcare information systems and Natus systems
- Understand how to use the most widely used HL7 standards instead of DICOM
- Learn how to use Natus HL7 int. Price List Part Numbers
- Learn how to install and manage a HL7 integration with Neuroworks \ Sleepworks systems
- Learn how to install and manage a HL7 integration with Natus Elite EMG systems
- Learn how to install and manage a HL7 integration with Dantec Keypoint EMG systems
- Read and write HL7 messages
- Address awaits specific training requests

**Intended audience** Natus EEG, Natus EMG & Dantec EMG DPs

**Registration fee** 200 EUR

**Max. number of participants** 15

**Registration deadline** 31.05.2022



### Speaker

Riccardo Pasqui  
Int. Clinical IT Specialist, Neurology

Riccardo Pasqui owns a specialization in computer science and an extensive 18 years' experience in the medical devices industry for Neurophysiology. His professional experience comprises roles such as helpdesk manager, product specialist, integration specialist for the interoperability of medical devices with a focus on EHR/EMR, based on HL7, DICOM, CDA, FHIR, and dedicated Web Services.

Riccardo was a Data Protection Officer (2016/679 | GDPR) and is currently a member of HL7 Italy (part of HL7 International Consortium) and of the Italian Society of Telemedicine. He joined Natus in 2021 as part of the international CAP team and currently continues to promote high standards of education specifically on IT, HL7 integration and Data Security.

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## HL7 system operation training

Day 1	June 20, 2022	Day 2	June 21, 2022
15:00 – 15:15	<b>Welcome &amp; Introduction</b>	09:00 – 09:30	<b>Fundamentals Review - Q&amp;A</b>
15:15 – 15:30	<b>HL7 Fundamentals Concepts</b>	09:30 – 10:00	<b>HL7 Workflow for Natus NeuroWorks / SleepWorks Systems</b>
15:30 – 15:45	<b>HIS / EMR Integration Projects Approach</b>	10:00 – 10:30	<b>HL7 Flowchart for Natus NeuroWorks / SleepWorks Systems</b>
15:45 – 16:00	<b>Natus HL7 Int. Price List Part Numbers</b>	10:30 – 11:00	<b>Prerequisite for NeuroWorks / SleepWorks HL7 Gateway</b>
16:00 – 16:45	<b>HL7 Gateway</b>	11:00 – 11:15	Break
16:45 – 17:00	Break	11:15 – 13:00	<b>Installation &amp; Configuration HL7 Gateway Natus NeuroWorks / SleepWorks Systems</b>
17:00 – 17:30	<b>Read and Write HL7 Messages for EEG &amp; EMG Systems</b>	13:00 – 14:00	Lunch
17:30 – 18:00	<b>Final Test and Q&amp;A</b>	14:00 – 15:00	<b>HL7 Message Customization for Natus NeuroWorks / SleepWorks Systems</b>
		15:00 – 15:30	<b>FAQ</b>
		15:30 – 16:00	<b>Hands-on</b>
		16:00 – 16:15	Break
		16:15 – 17:00	<b>Final Test and Q&amp;A</b>



## HL7 system operation training

<b>Day 3</b>	<b>June 22, 2022</b>	<b>Day 4</b>	<b>June 23, 2022</b>
09:00 – 09:30	<b>Fundamentals Review - Q&amp;A</b>	09:00 – 09:30	<b>Fundamentals Review - Q&amp;A</b>
09:30 – 10:00	<b>HL7 Workflow for Natus Elite EMG Systems</b>	09:30 – 10:00	<b>HL7 Workflow for Dantec Keypoint.NET Systems</b>
10:00 – 10:30	<b>HL7 Flowchart for Natus Elite EMG Systems</b>	10:00 – 10:30	<b>HL7 Flowchart for Dantec Keypoint.NET Systems</b>
10:30 – 11:00	<b>Prerequisite for Natus Elite EMG HL7 Gateway</b>	10:30 – 11:00	<b>Prerequisite for Dantec Keypoint.NET HL7 Gateway</b>
11:00 – 11:15	Break	11:00 – 11:15	Break
11:15 – 13:00	<b>Installation &amp; Configuration HL7 Gateway Natus Elite EMG Systems</b>	11:15 – 13:00	<b>Installation &amp; Configuration HL7 Gateway Dantec Keypoint.NET Systems</b>
13:00 – 14:00	Lunch	13:00 – 14:00	Lunch
14:00 – 15:00	<b>HL7 Message Customization for Natus Elite EMG Systems</b>	14:00 – 15:00	<b>HL7 Message Customization for Dantec Keypoint.NET Systems</b>
15:00 – 15:30	<b>FAQ</b>	15:00 – 15:30	<b>FAQ</b>
15:30 – 16:00	<b>Hands-on</b>	15:30 – 16:00	<b>Hands-on</b>
16:00 – 16:15	Break	16:00 – 16:15	Break
16:15 – 17:00	<b>Final Test and Q&amp;A</b>	16:15 – 17:00	<b>Final Test and Q&amp;A</b>