



# Updates on Screening in Europe

## Lung Cancer Screening in Gdańsk - MOLTEST

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*Rescue Lung Society 2021 Conference*



**Consensus statement on a screening programme for the detection of early lung cancer in Poland**

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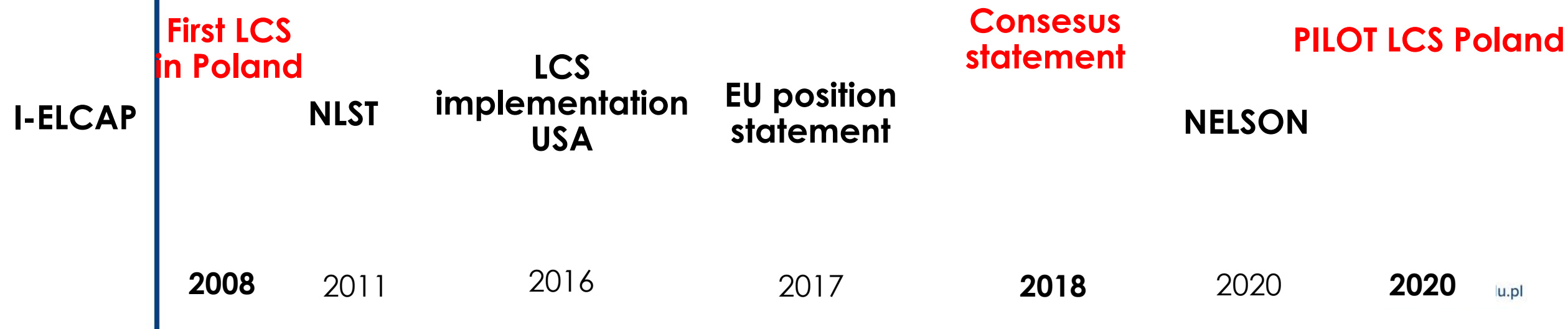
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 ZWIĘKSZENIE ŚWIADOMOŚCI WÓDRO SPÓŁCZEŃSTWA I PERSONELU OCHRONY ZDROWIA NA TEMAT NOWOTWORÓW PŁUC POPRZECZ DZIAŁANIA EDUKACYJNE I ŚWIADCZENIA MEDYCZNE W MAKROREGIONIE PÓLNOCHNYM.



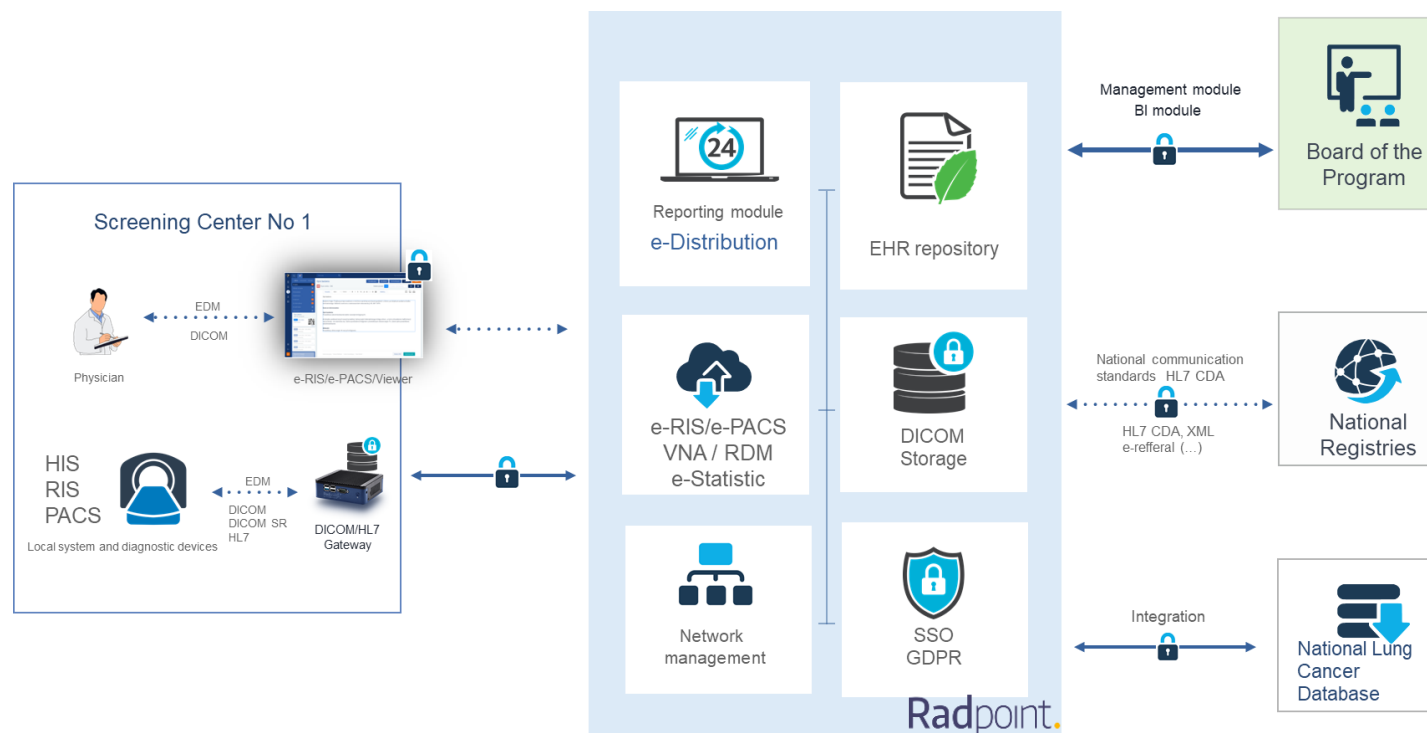
# National LCS Pilot Program in Poland 2020-2023

- six macroregions with leading centers:  
**Northern, Silesia, Central, West, Southeast, East**
- screening of 14,000 volunteers

55-74, 20 py  
or  
50-74,20py + other risk factors



# Project „architecture”





# Results – 16 months

**Planned: 13 159**

**Performed:**

**March 2021 – 3 513 (26%)**

**June 2021 - 5 522 (42%)**



# Lung cancer screening in Gdańsk

<b>PILOT</b>	<b>2009-2011</b>
<b>MOLTEST</b>	<b>2011-2013</b>
<b>MOLTEST BIS</b>	<b>2016-2018</b>

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<b><i>CLEARLY</i></b>	<b><i>2018-2020</i></b>
<b><i>MOLTEST-III</i></b>	<b><i>2018-2020</i></b>



**LCS PLATFORM**

- 15 300 screenenes
- 9000 clinical records
- 10000 blood collections
- 250 lung cancer cases
- 66% stage I NSCLC

- **Gdańsk Medical University**

- *Thoracic Surgeons* - *Tobaco control*
- *Radiologists* - *Cardiologists*
- *Oncologists* - *Internists*
- *Pneumonologists* - *BIOLOGISTS/BIOCHEMISTS*

- **Silesia Technical University**

- *Faculty of Automatic Control, Electronics, and Computer Science and the Mathematics*

- **National Oncology Institute**

- *Center for Translational Research and Molecular Biology of Cancer*

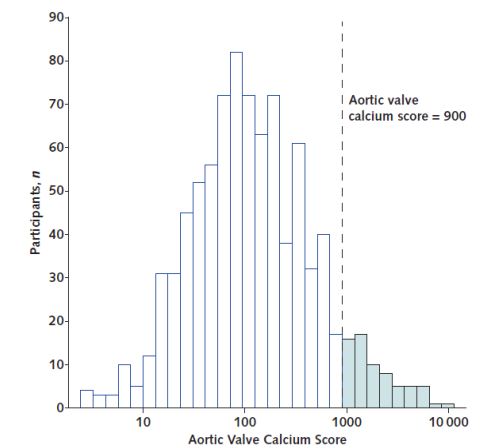


## Aortic Stenosis as an Additional Finding in Low-Dose Computed Tomography Lung Cancer Screening: A Cross-Sectional Study

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[Jadwiga Fijalkowska, MD](#), [Edyta Szurowska, MD, PhD](#), [Marcin Fijalkowski, MD, PhD](#)

In our study, 13.1% of all participants were found to have AVC and 0.5% were diagnosed with at least moderate AS. Most of participants with AS (55.1%) were unaware of their valvular heart disease, including the 23% with severe AS. We propose that AVC assessment become a routine procedure in the LDCT protocol for lung cancer screening.

Figure. Aortic valve calcium score histogram.





**Thank you for your  
attention.**