

**Bulgarian Bifurcation and Complex Coronary Interventions Course**  
**22-23 January 2016, Tokuda Hospital, Sofia**

# **BiOSS® Lim: Dedicated Bifurcation Stent in Distal Left Main Stenosis.**

*Robert J. Gil<sup>1,2</sup>, MD, PhD, FESC*

*1- Mossakowski Medical Research Centre, Polish Academy of Sciences*

*2- Invasive Cardiology Dept., Central Hospital of the Internal Affairs  
and Administration Ministry, Warsaw, Poland*



**Male, 58 years**

**Recent onset angina**

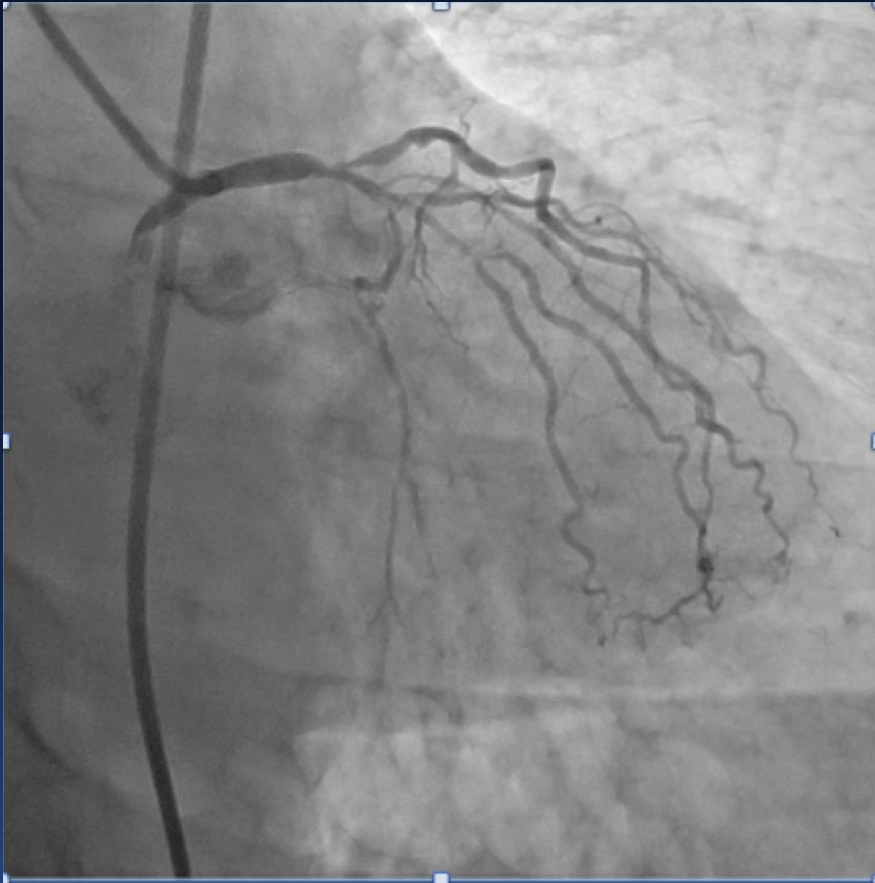
**Normal EF**

**Small Tr release?**

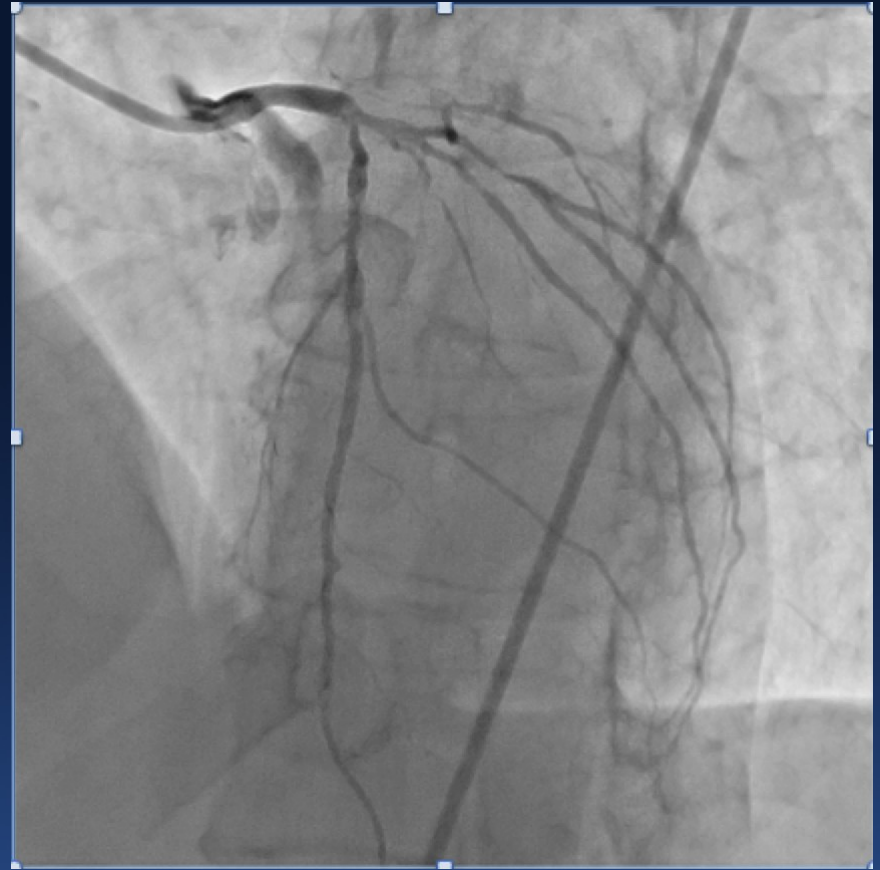
**ECG – ST-T changes, RBBB**

**ACS?**

# Preprocedural Coronary angiography

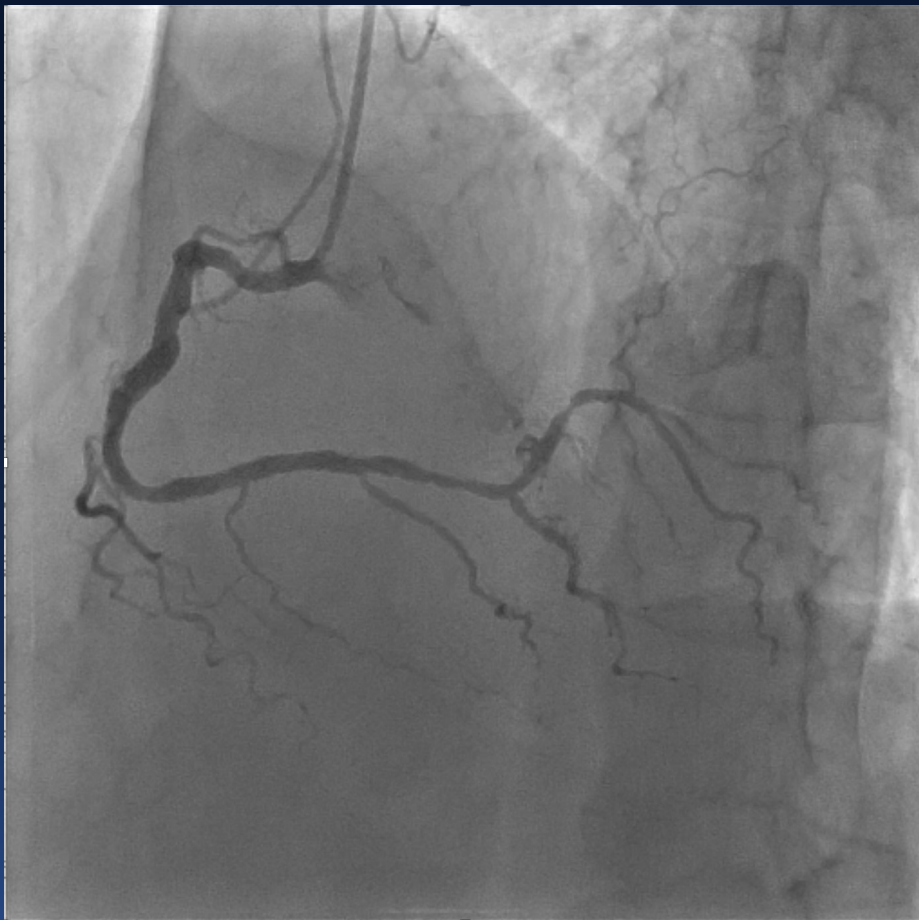


- LCA



- LCA

# Clinical decision making...



Syntax Score - 24

EuroScore II - 0.68%

Log EuroScore - 0.88%

Heart Team decision:  PCI with IVUS guidance

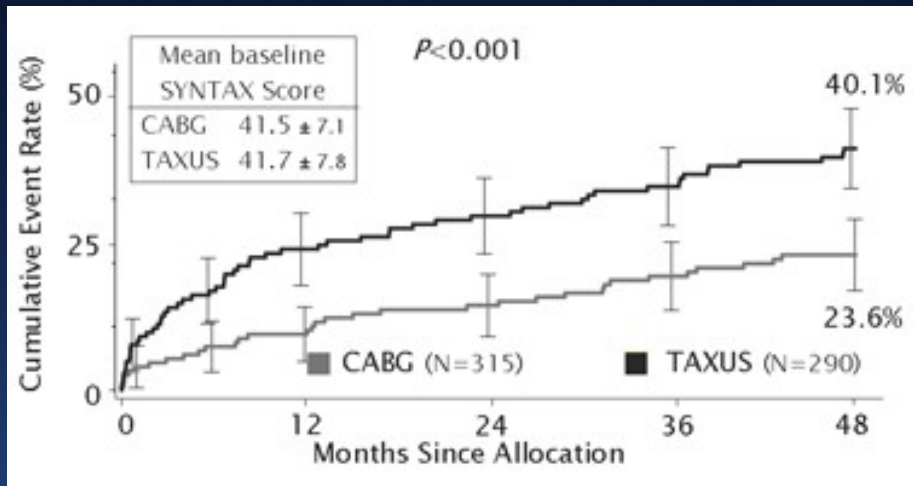
# Diffuse? 2vd +LM

## Shall we intervene? PCI vs CABG

- Symptomatic benefit
- Recent onset suggesting culprit lesion
- OMT?
- Prognostic benefit
- PCI vs CABG
- No Diabetes

# My SYNTAX calculation, (Clinical syntax, functional SYNTAX)

- **MACCE by SYNTAX  
Score 33+**



<b>Lesion 1</b>	
(segment 5): $5 \times 2 =$	<b>10</b>
(segment 6): $3.5 \times 2 =$	<b>7</b>
(segment 7): $2.5 \times 2 =$	<b>5</b>
(segment 9): $1 \times 2 =$	<b>2</b>
(segment 10): $0.5 \times 2 =$	<b>1</b>
(segment 11): $1.5 \times 2 =$	<b>3</b>
(segment 12a): $1 \times 2 =$	<b>2</b>
<b>Bifurcation Type: Medina</b>	
<b>1,1,1:</b>	<b>2</b>
<b>Angulation <math>&lt; 70^\circ</math></b>	<b>1</b>
<b>Length <math>&gt; 20</math> mm</b>	<b>1</b>
<b>Sub total lesion 1</b>	<b>34</b>

## **Diffuse disease/Small vessels**

<b>Segment 6</b>	<b>1</b>
<b>Segment 7</b>	<b>1</b>
<b>Sub total diffuse disease/small vessels</b>	<b>2</b>

**TOTAL: 36**

# Intra procedural decision making

- IVUS
- Threshold for intervention?
- Stent optimization
- FFR ?
- Multi vessel
- Cascade lesions
- Bifurcation



# Strategy

- 
- **OM 1/1/1 first**
- **LM 1/1/0**
- **“Simple”  
provisional T**
- **Any thin SES**
- **Brilique on board**
- **Statin preload**