

**MDM  
CENTRUM**



# LÉKAŘSKÉ SYMPOZIUM

FYZIKÁLNÍ LÉČBA METODOU MESODIENCEFALICKÉ  
MODULACE (MDM) V LÉKAŘSKÉ PRAXI

TOP HOTEL PRAHA – 4.10.2010

# Motto...



## Prof. MUDr. Vladimír A. Pavlov, DrSc:

- ... „Mesodiencefalická modulace je jediná metoda pro normalizaci funkce organismu, která je povolena v medicínské praxi na území RF a EU“ ...



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# Naším cílem je, aby:

- MDM terapie byla dostupná v ČR a EU
- MDM terapie byla standardní léčebnou metodou ve zdravotnictví
- MDM terapie byla zařazena do seznamu výkonů hrazených zdravotní pojišťovnou v ČR

# Dnes Vás chceme seznámit:

- S využitím metody MDM ve více než 20-leté historii, její rozvoj v lékařské praxi v zahraničí
- S efektivitou metody MDM v lékařské praxi v České republice
- Kde a jak je možné MDM metodu využít v České republice

# Lékařské sympozium pro Vás připravili:

**ODBORNÝM GARANTEM LÉKAŘSKÉHO SYMPOZIA:**

**Prof. MUDr. Milan Kvapil, CSc.MBA**

**ODBORNÝM GARANTEM METODY MESODIENCEFALICKÉ MODULACE V ČR:**

**Prof. MUDr. Vladimír A. Pavlov, DrSc.**

**Prof. MUDr. Zdeněk Zadák, CSc.**

**NA LÉKAŘSKÉM SYMPOZIUM DÁLE VYSTOUPÍ:**

**Prof. MUDr. Alexander E. Shestopalov, M.D.**

**Prof. MUDr. Tamara S. Popová, DrSc.**

**Prof. MUDr. Richard Rokyta, DrSc.**

**MUDr. Hana Horychová**

**Lucie Martínková**

# I. Blok přednášek na téma:

**Využití metody mesodiencefalické modulace (MDM) ve více než 20-leté historii, její rozvoj v lékařské praxi v zahraničí**

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**První zkušenosti s metodou MDM u pacientů s akutním infarktem myokardu**

**Prof. MUDr. Vladimír A. Pavlov, DrSc.**

**Experimentální studie aplikace MDM metody při akutní ztrátě krve**

**Prof. MUDr. Tamara S. Popová, DrSc.**

**Metoda MDM v komplexní léčbě septických stavů**

**Prof. PhD. Alexander E. Shestopalov, M.D.**

**První zkušenosti s metodou MDM u  
pacientů s akutním infarktem  
myokardu**

Prof.MUDr.Vladimir A.Pavlov, DrSc.



First experience with the method of  
MDM in patients with acute  
myocardial infarction

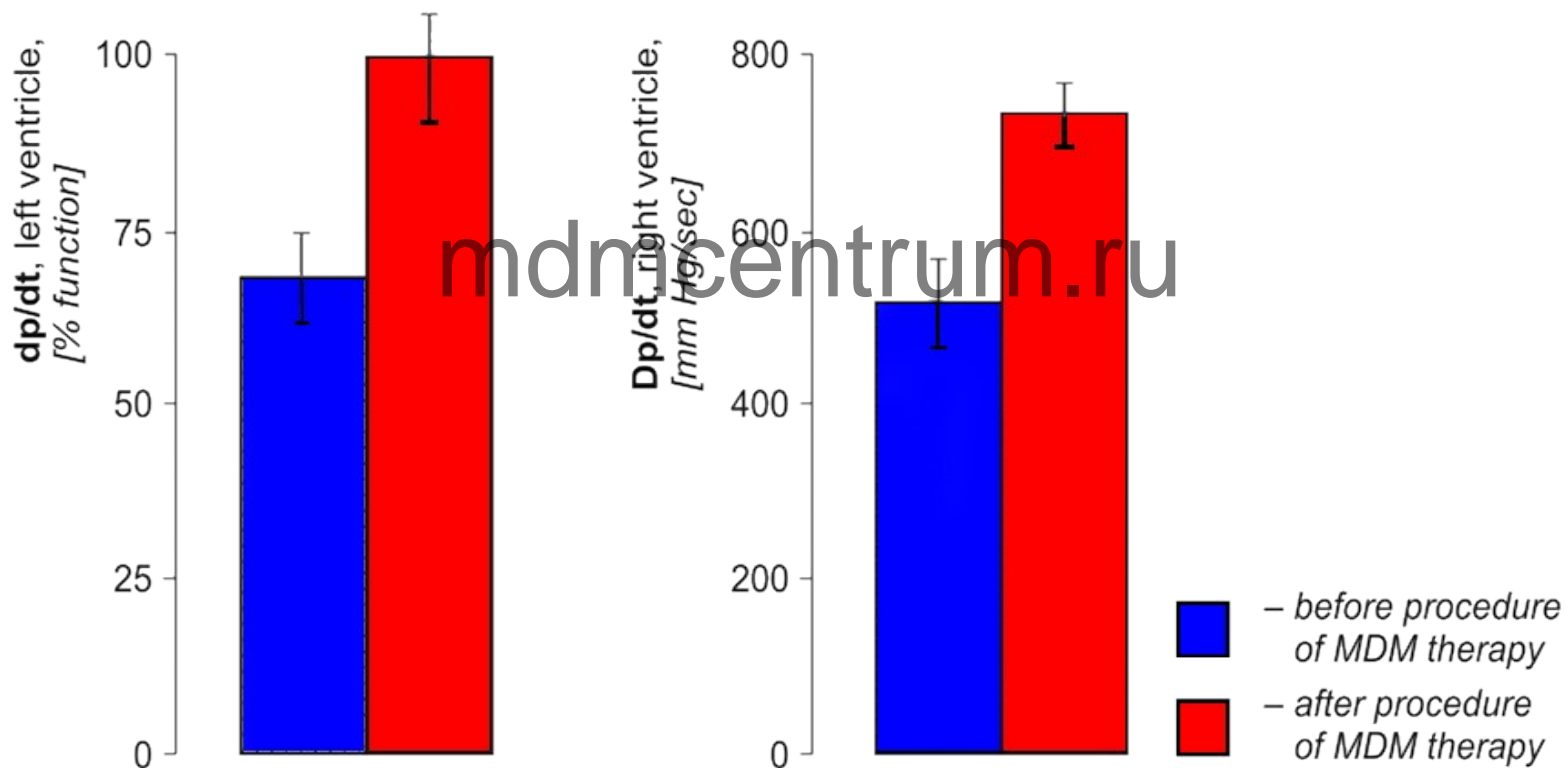
Prof.MUDr.Vladimir A.Pavlov, DrSc.





# THE DYNAMICS OF HEART FUNCTIONALITY DECREASING AT IM PATIENTS WITH STARTING LOW VALUES OF DP/DT

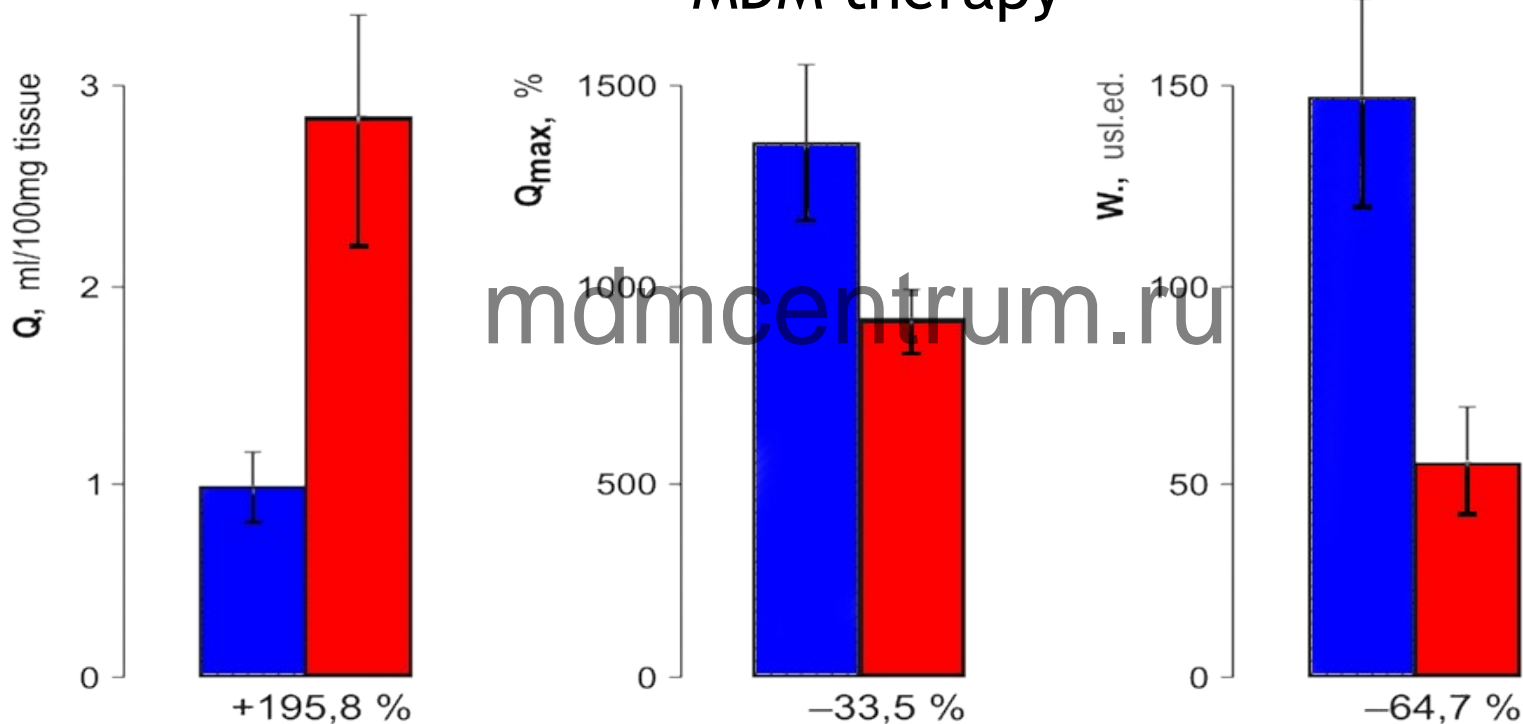
Myocardial Infarction patients after one procedure of MDM therapy



– significant difference [ $P < 0,05$ ]

# THE DYNAMICS OF PERIPHERAL HEMODYNAMIC RATIOS AT IM PATIENTS

Myocardial Infarction patients after one procedure of MDM therapy



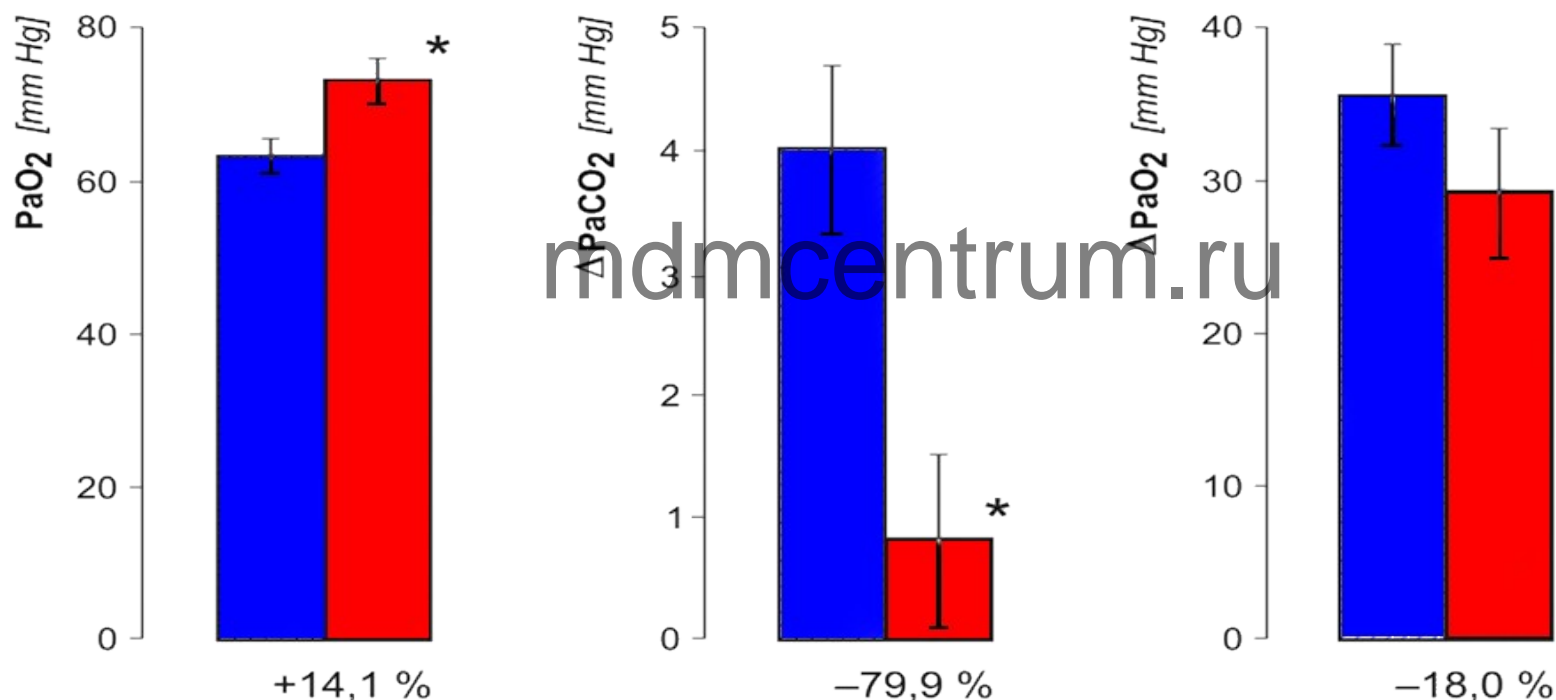
\* – significant difference [ $P < 0,05$ ]

■ – before procedure of MDM therapy

■ – after procedure of MDM therapy

# THE DYNAMICS OF EXTERNAL BREATHING RATIO FUNCTIONALITY AND AIR CHANGE AT IM PATIENTS

Myocardial Infarction patients after one procedure of MDM  
therapy

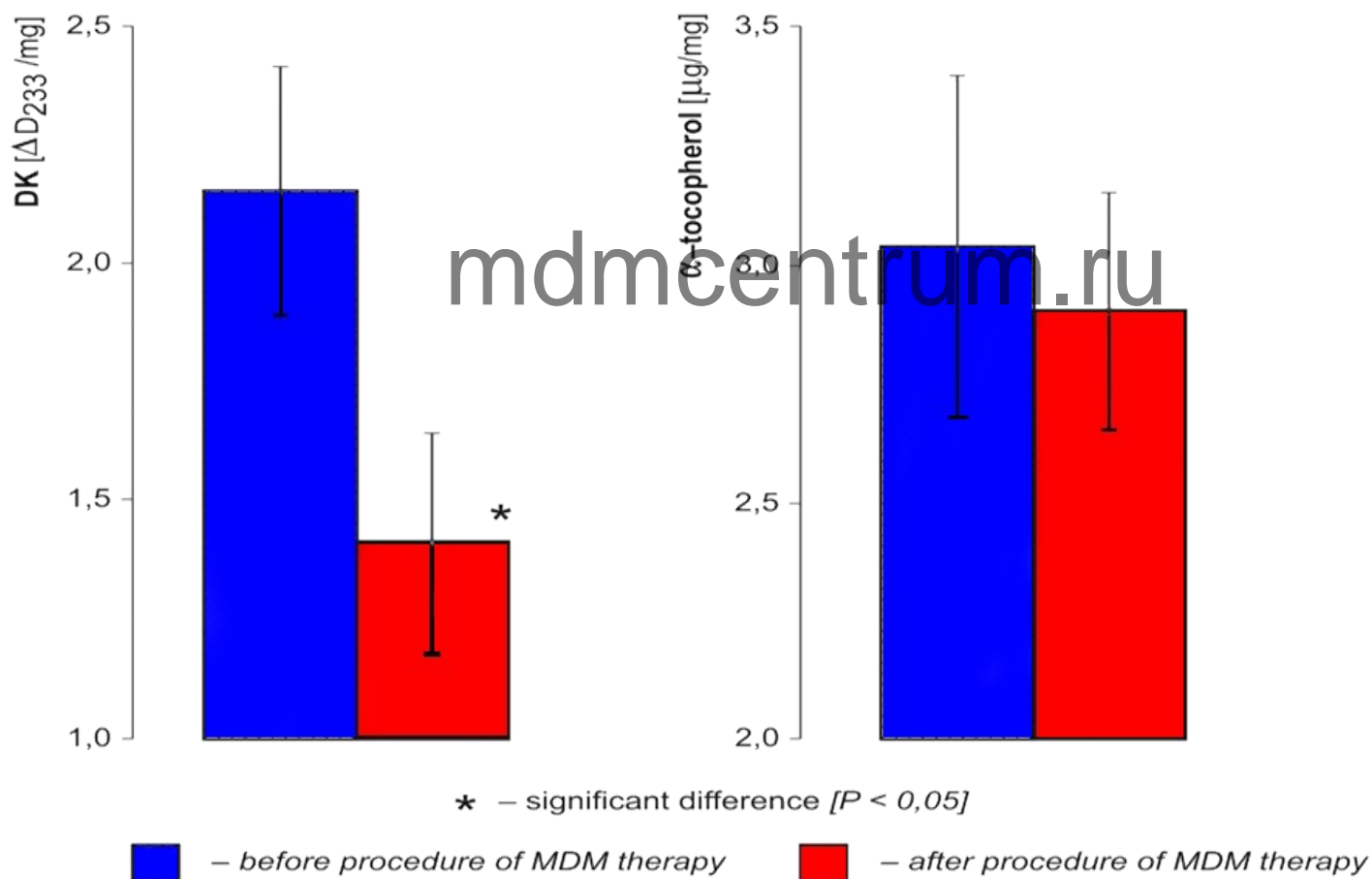


\* – significant difference [ $P < 0,05$ ]

■ – before procedure of MDM therapy    ■ – after procedure of MDM therapy

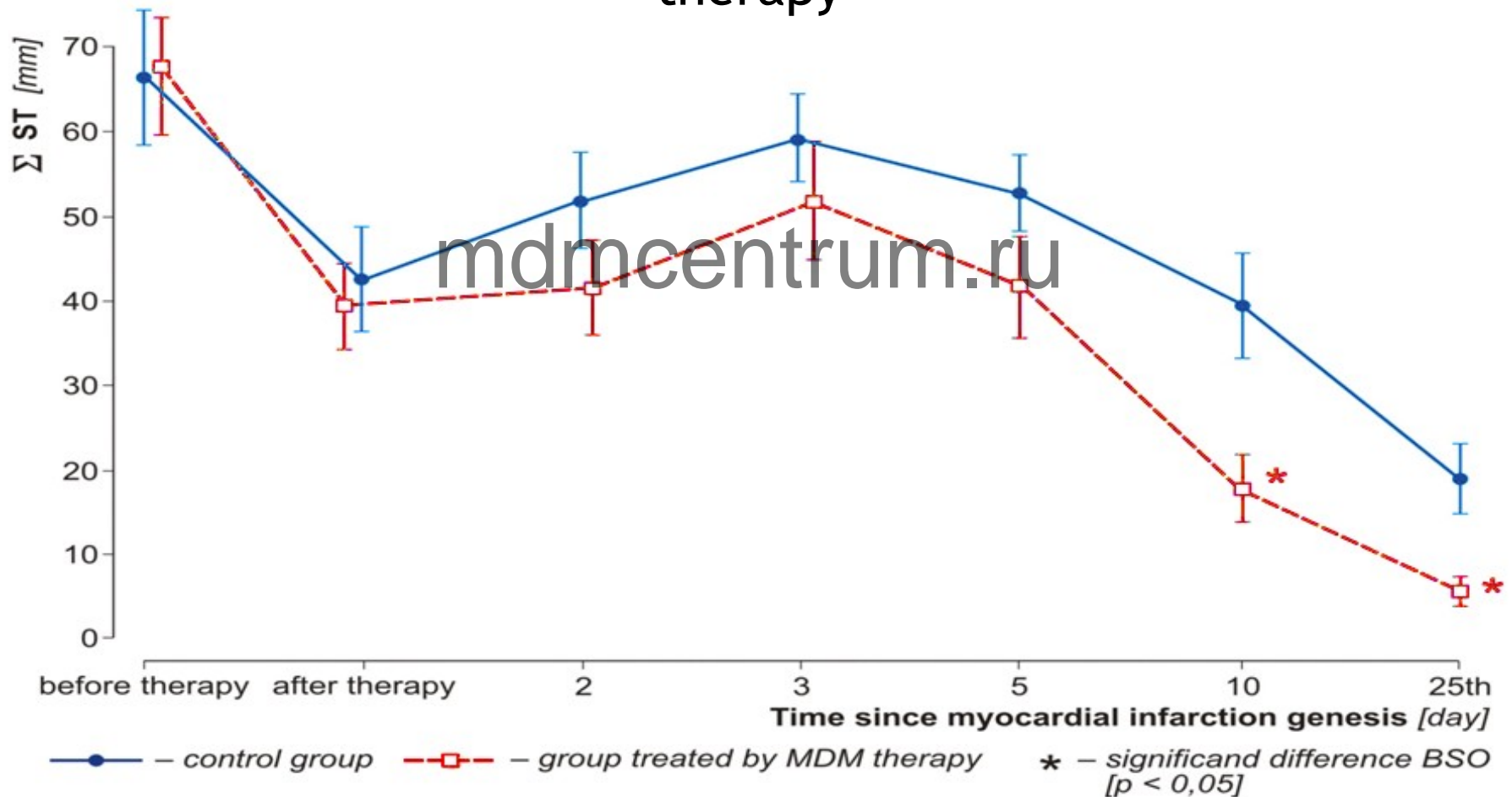
# THE DYNAMICS OF DIENE CONJUGATE (DC) AND ALPHA-TOCOPHEROL CONCENTRATIONS IN BLOOD PLASMA AT IM PATIENTS

Myocardial Infarction patients after one procedure of MDM therapy



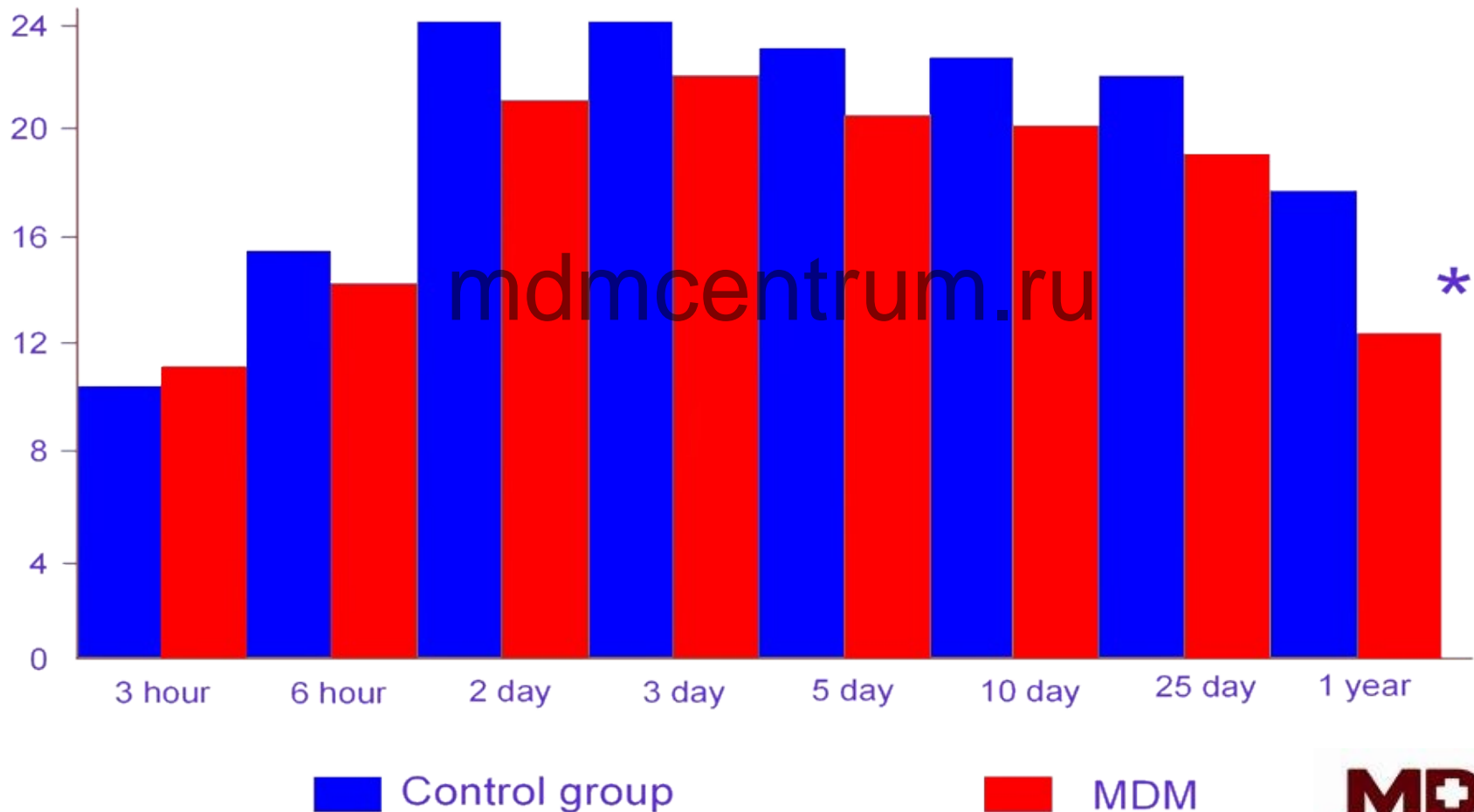
# THE DYNAMICS $\Sigma$ ST - DIAGRAM VALUES OF PRECORDIAL EKG DEPENDENCE ON MYOCARDIAL INFARCTION GENESIS TIME

Myocardial Infarction patients after one procedure of MDM therapy



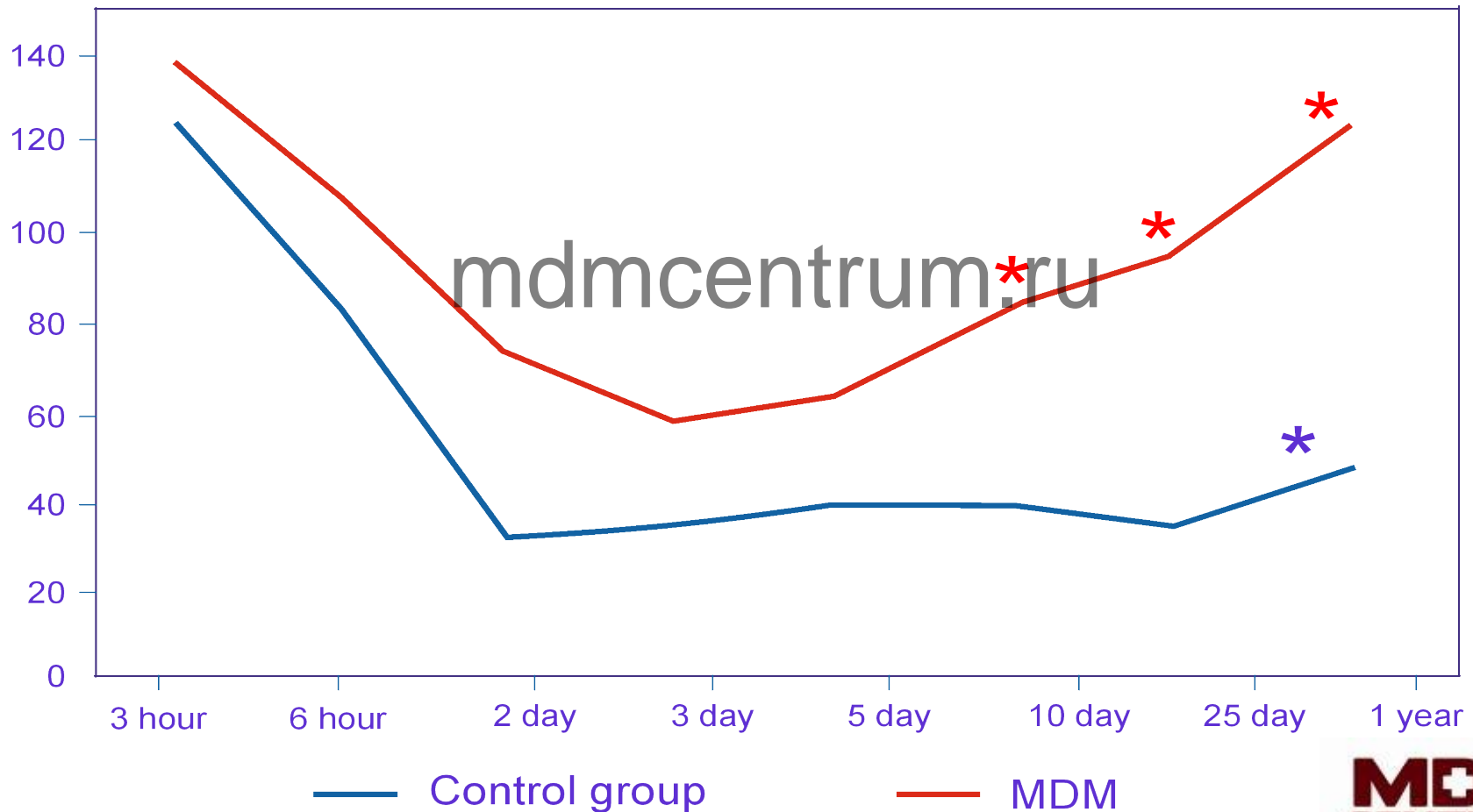
# NUMBER OF QS IN 35-LEAD PRECORDIAL

Maps changes in patients with anterior MI (\* –  $p < 0,05$ )



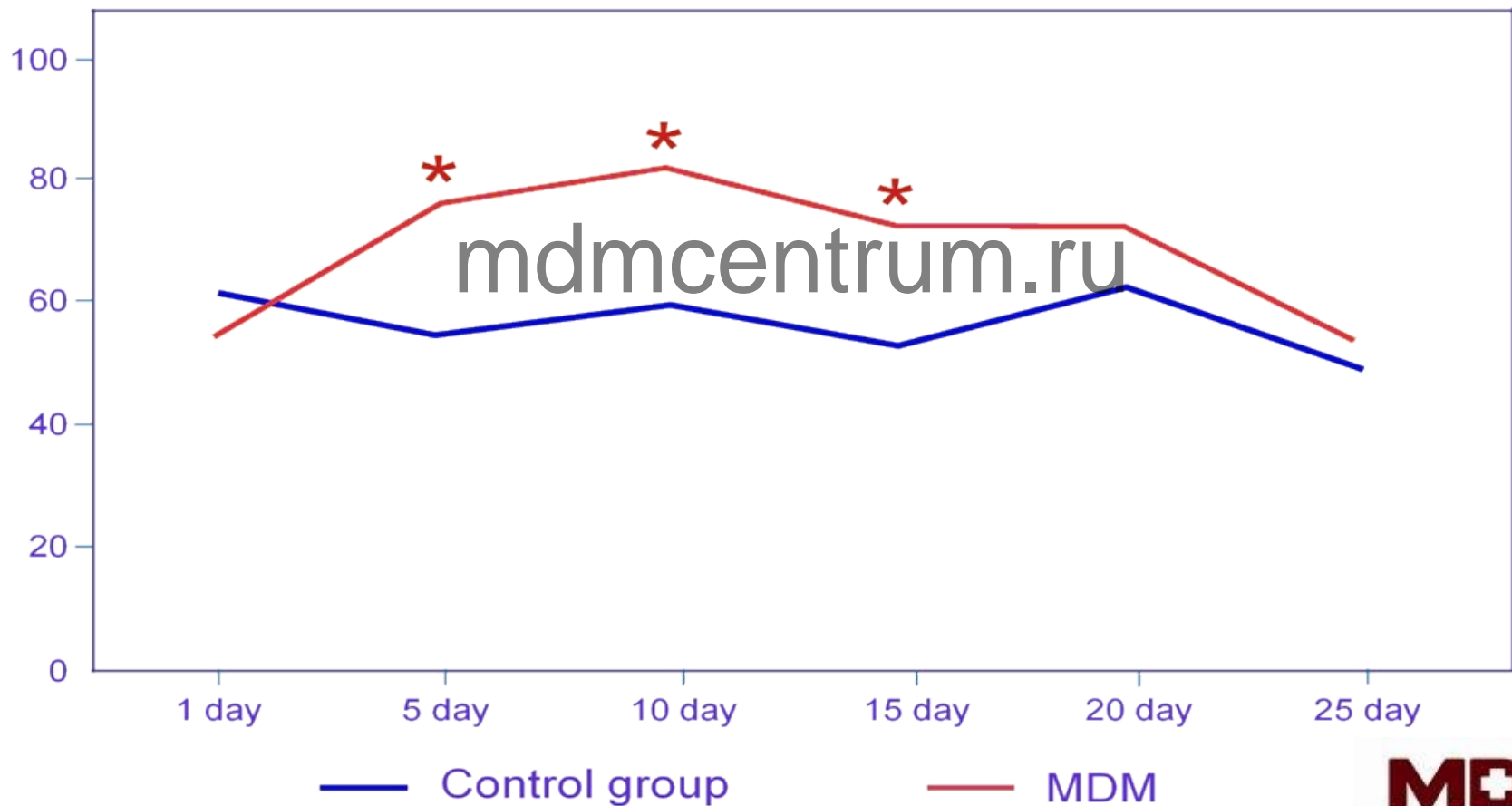
# QRS VOLTAGES (mm) IN 35-LEAD PRECORDIAL

Maps changes in patients with anterior MI (\* -  $p < 0,05$ )



# COLLAGEN - LIKE PROTEIN CONCENTRATION IN PLASMA

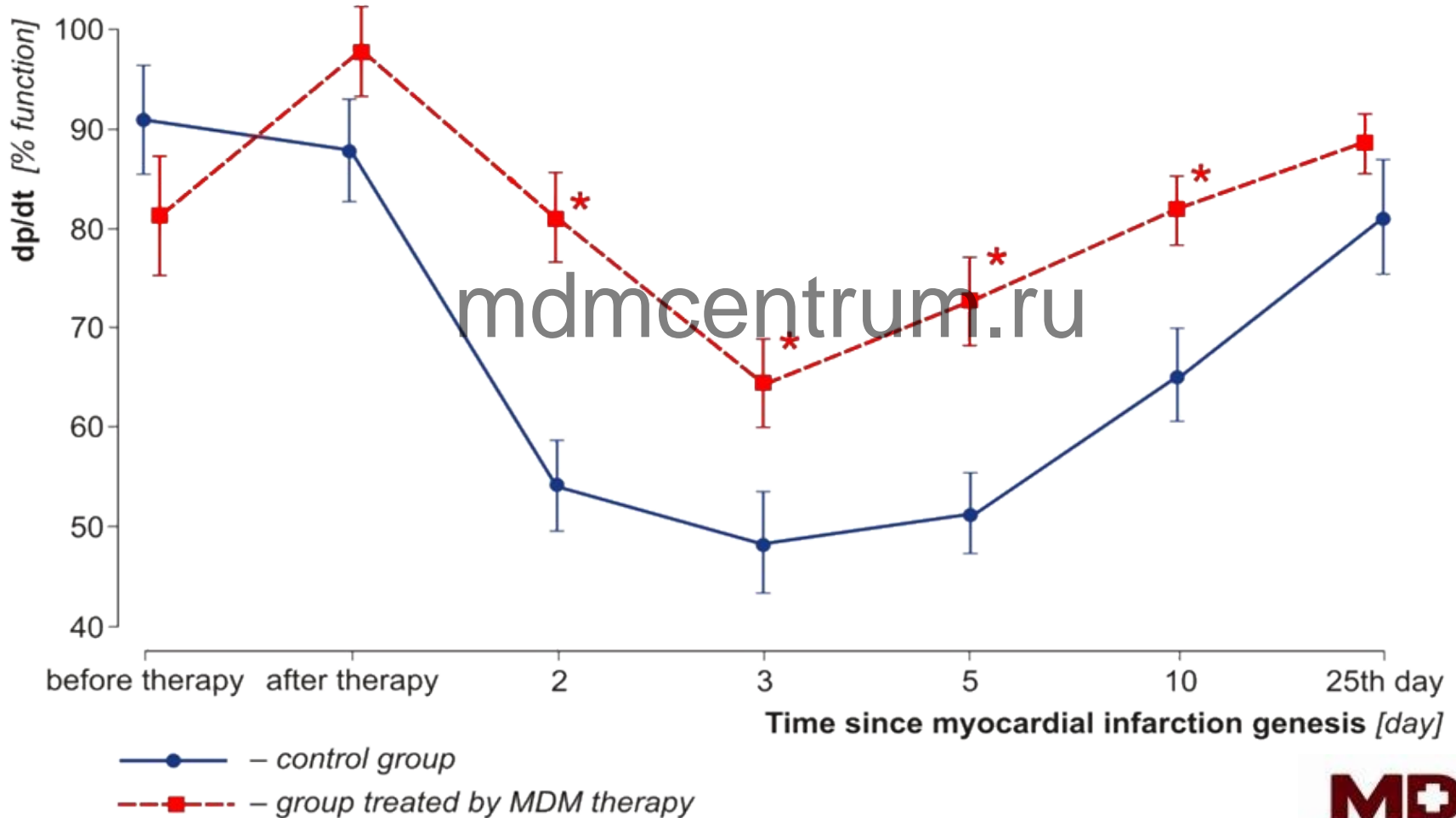
( *mkmol / ml* ) in patients with anterior MI (\* -  $p < 0,05$ )





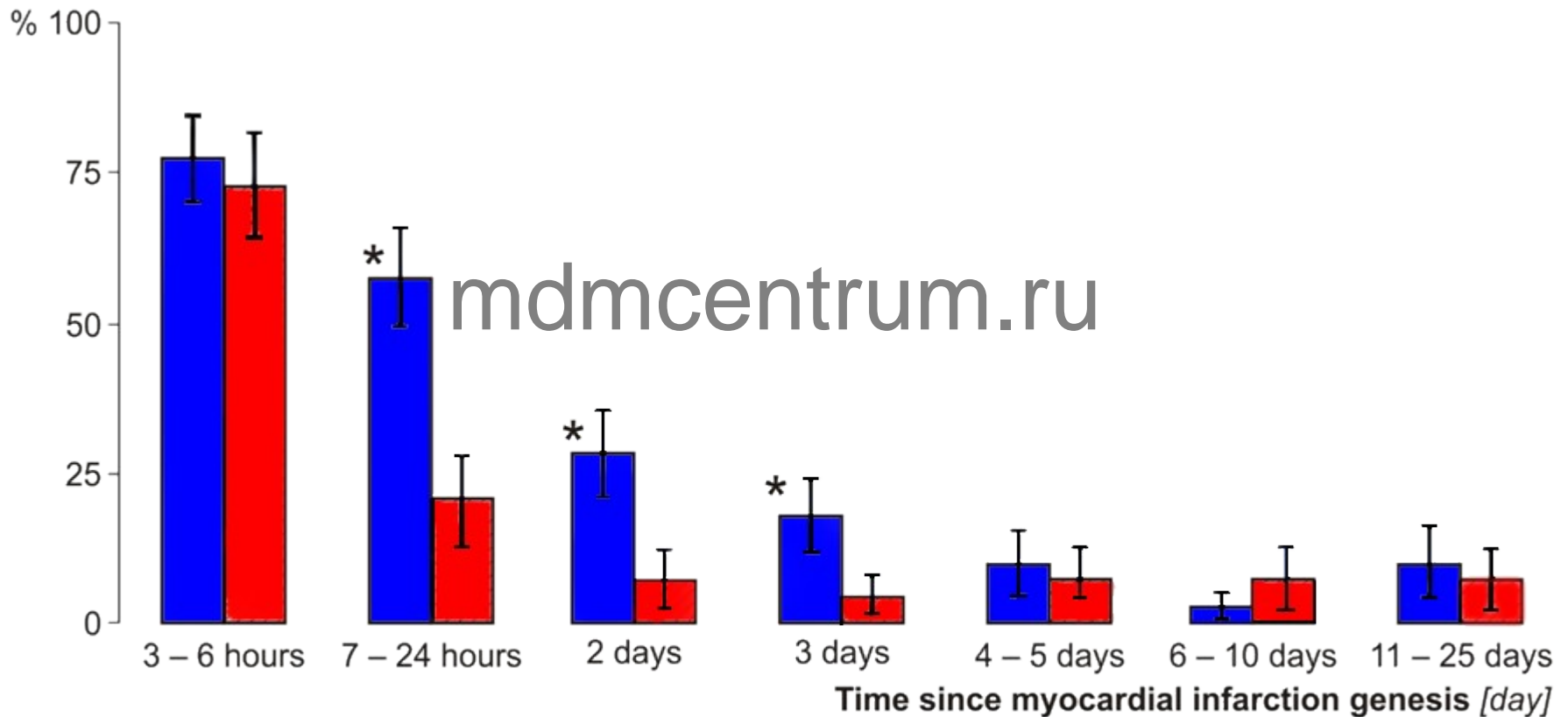
# DYNAMIC OF LEFT VENTRICLE FUNCTIONALITY DECREASING

## Myocardial Infarction patients after MDM therapy



# FREQUENCY OF ANGINOUS PAINS APPEARANCE

Myocardial Infarction patients after MDM therapy



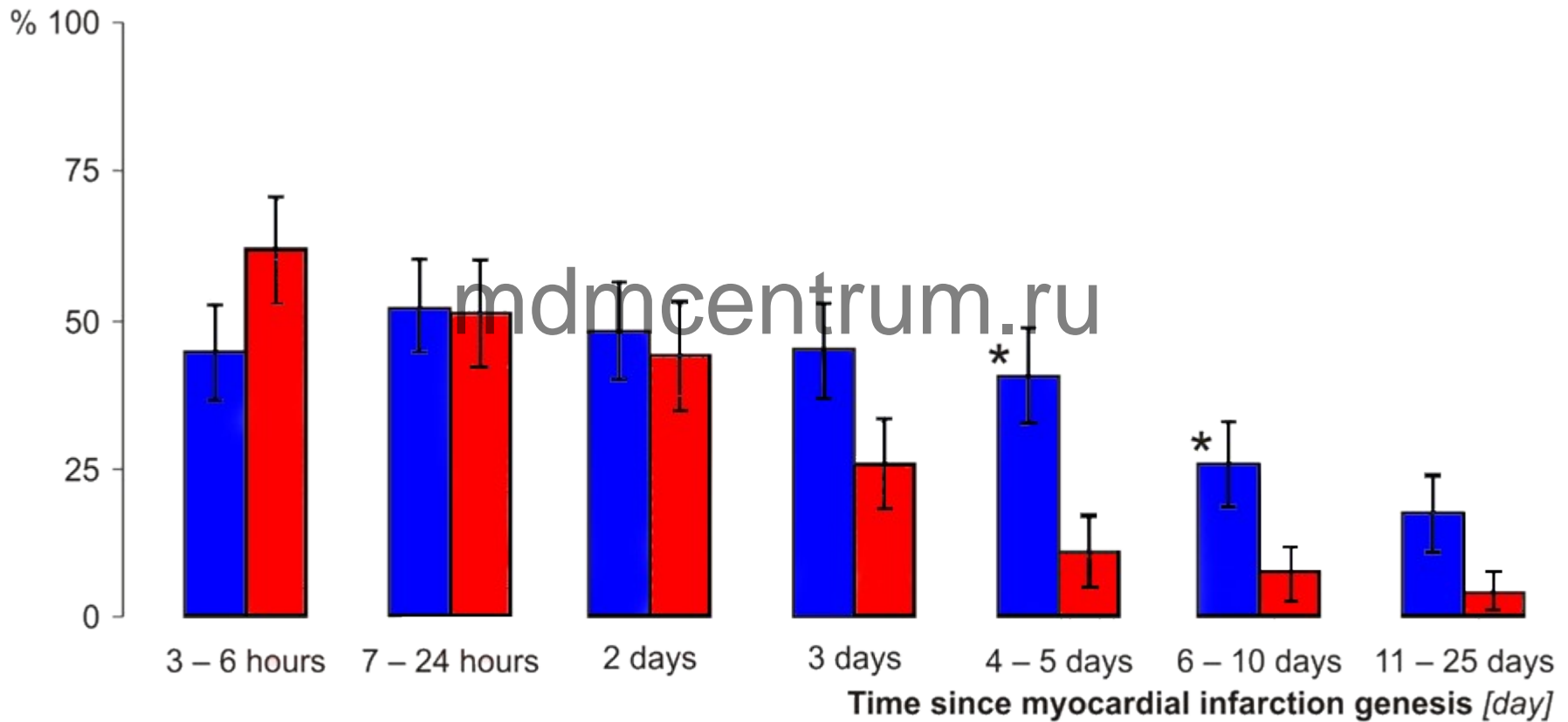
\* – significant difference [ $P < 0,05$ ]

 – group treated by MDM therapy

 – control group

# RATE OF HEART FAILURE

Myocardial Infarction patients after MDM therapy



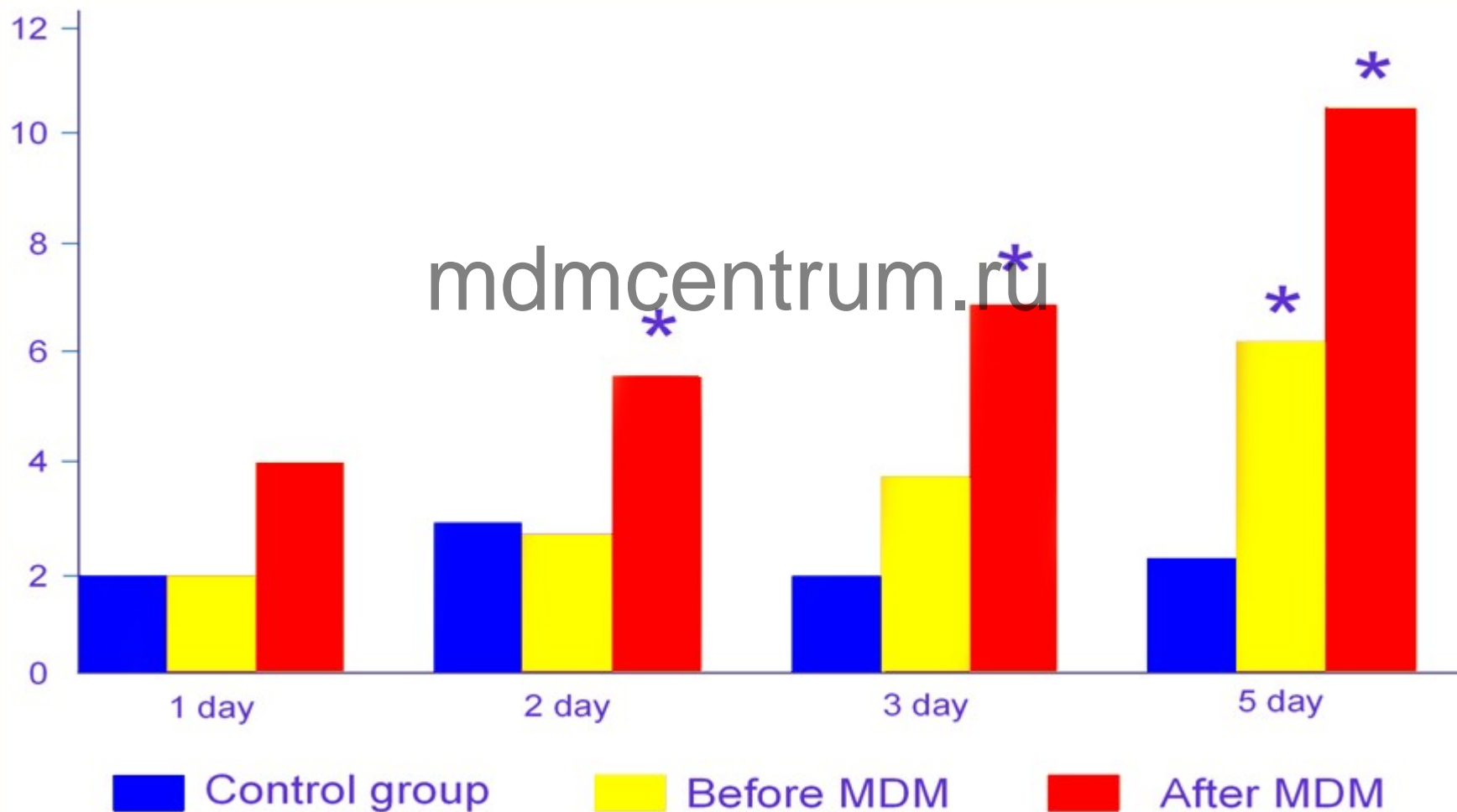
\* - significant difference [ $P < 0,05$ ]

 - group treated by MDM therapy

 - control group

# BETA - ENDORFIN CONCENTRATION IN PLASMA

( *pmol / ml* ) in patients with anterior MI (\* -  $p < 0,05$ )



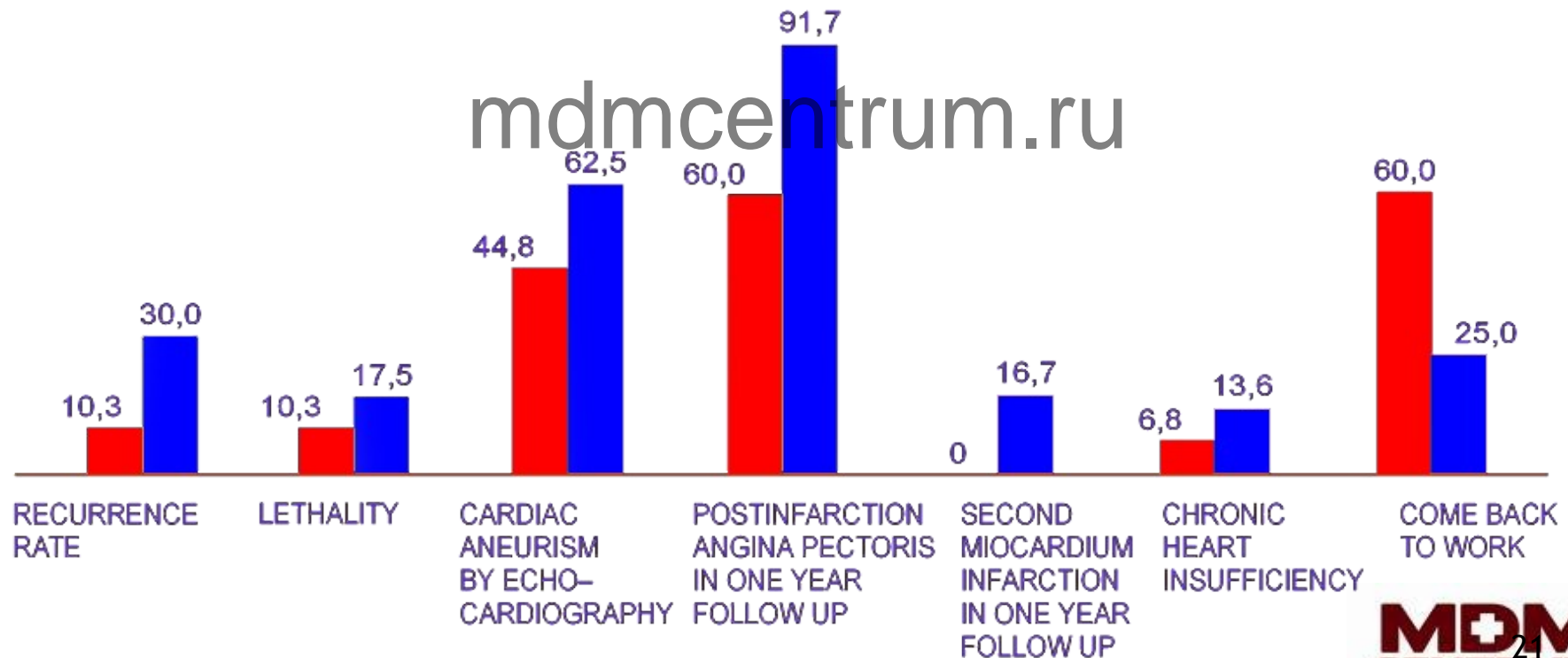
# INFLUENCE OF THE MDM SUPPLEMENT THERAPY

on the clinical course of myocardium infarction

■ STANDARD TREATMENT + MDM      ■ STANDARD TREATMENT

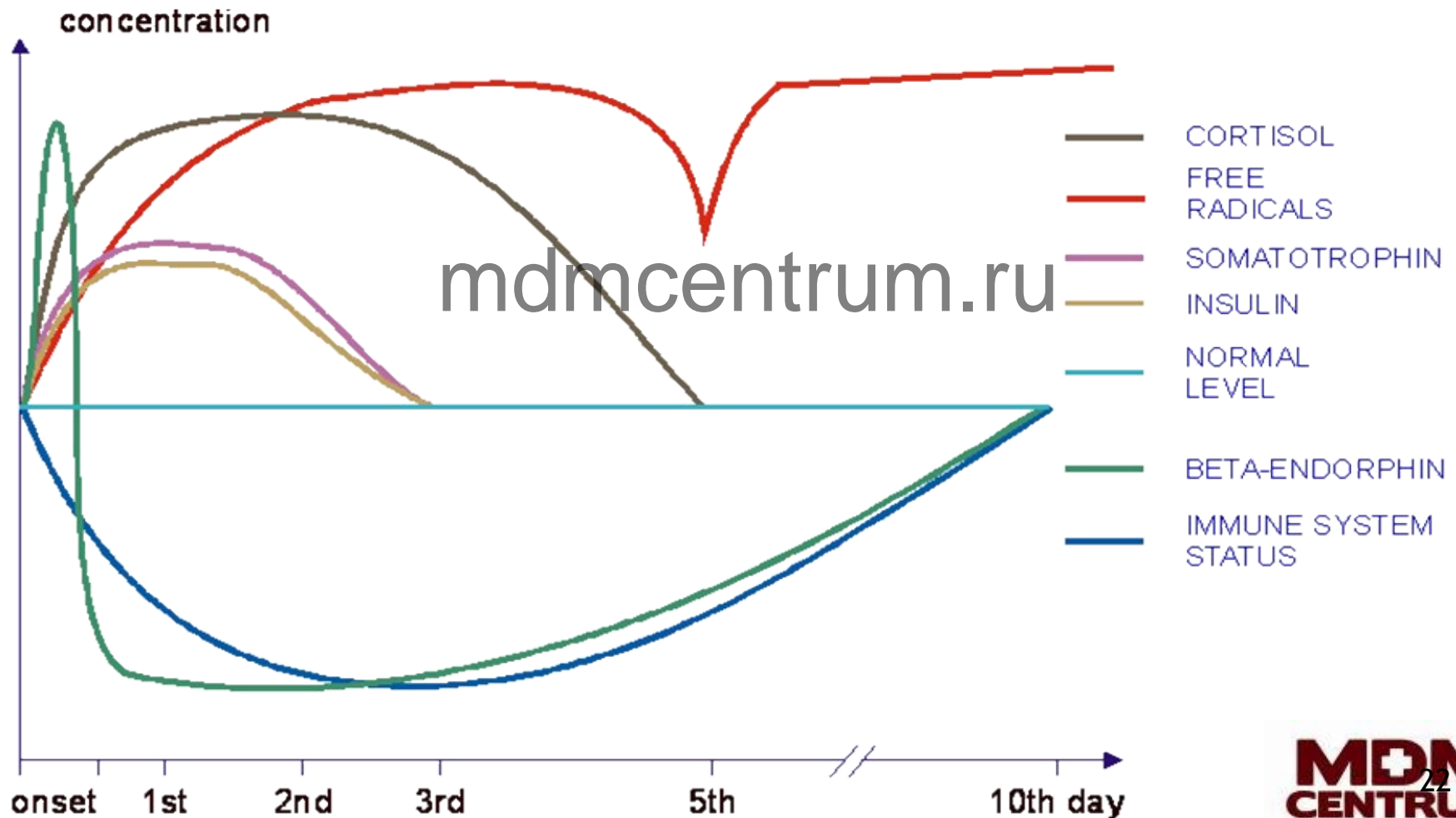
ALL THE DIFFERENCES ARE STATISTICALLY SIGNIFICANT WITH  $p < 0,05$

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# STRESS AND ADAPTATION „MEDIATORS“

In an acute disease (generalized)



# STRESS AND ADAPTATION „MEDIATORS“

In an acute disease during MDM treatment

