

# **The ISKRA guideline programme:** *update and future plans*

Arjana Tambić Andrašević

# Matra Project MAT 05/hr/9/2

## Antimicrobial Resistance Surveillance in Human Medicine

### 2006 - 2008

- The Netherlands Ministry of Foreign Affairs contributes to the **accession of Croatia to the European Union** through the Matra Pre-Accession Programme (MPAP)
- Aim of the project is to assist Croatia in implementing EU-directives and recommendations in the field of antimicrobial resistance containment
- *Project co-ordinator:* Public Health Consultants, Amsterdam
- *Project partners:* the Ministry of Health, Welfare and Sports, the SWAB, the RIVM, the WIP
- *Project counterpart:* the Croatian Ministry of Health and Social Welfare
- *Project beneficiary:* the Croatian Reference Center for Antibiotic Resistance Surveillance
- International consultants available for assistance in achieving:
  1. An **Intersectoral Co-ordination mechanism (ICM)** in the field of antimicrobial resistance established and functional
  2. Strengthening of **surveillance systems** for antibiotic resistance and consumption
  3. **Guidelines** for prudent use of antibiotics formulated and implemented

## Intersectoral Co-ordination Mechanism (ICM)



- Ministry of Health and Social Welfare established an **Intersectoral Co-ordination mechanism (ISM) – ISKRA** (interdisciplinarna sekcija za kontrolu rezistencije na antibiotike)
- Tasks of ICM include:
  - Initiating and conducting activities related to the following areas
    - ✓ Surveillance of antibiotic resistance and consumption
    - ✓ Education and guidelines on prudent use of antibiotics
    - ✓ Infection control
  - Supervising and coordinating the above activities
  - Reporting to the MHSW on ongoing activities
  - Advising MHSW on actions to be taken in order to contain antimicrobial resistance and to be in line with European and international initiatives

# Croatian strategy on antimicrobial resistance control

## 2009 - 2014

### Tasks involved

- ✓ Intersectoral Co-ordination mechanism (ICM)
- ✓ Surveillance
  - Antibiotic resistance surveillance
  - Antibiotic consumption surveillance
- ✓ Prudent use of antibiotics
  - Education
  - Guidelines on antibiotic use
- ✓ Infection control
- ✓ Information technology
- ✓ Research

# MATRA project expected results

1. An Intersectoral Co-ordination mechanism (ICM) in the field of antimicrobial resistance established and functional
2. Strengthening of surveillance systems for antibiotic resistance and consumption
3. **Guidelines** for prudent use of antibiotics formulated and implemented

# MATRA workshop on guideline development Zadar September, 2006

Pre-Congress WS, 5th Croatian Congress of  
Infectious Diseases



- Croatian opinion leaders invited
- Croatian guidelines reviewed
- introduction to AGREE methodology
- topics selected (sorethroat, UTI, MRSA, surgical prophylaxis)
- Working Groups set up

# MATRA workshop on guideline development

Zagreb, November, 2006

- Working groups: sorethroat, UTI, MRSA, surgical prophylaxis
- METHODOLOGY
- review of international guidelines



# MATRA workshop on guidelines GP meeting

Zagreb, November, 2006



- forming a network of 47 Health Center representatives
- Why guidelines
- Importance of the network for:
  - piloting guidelines
  - Implementation of guidelines

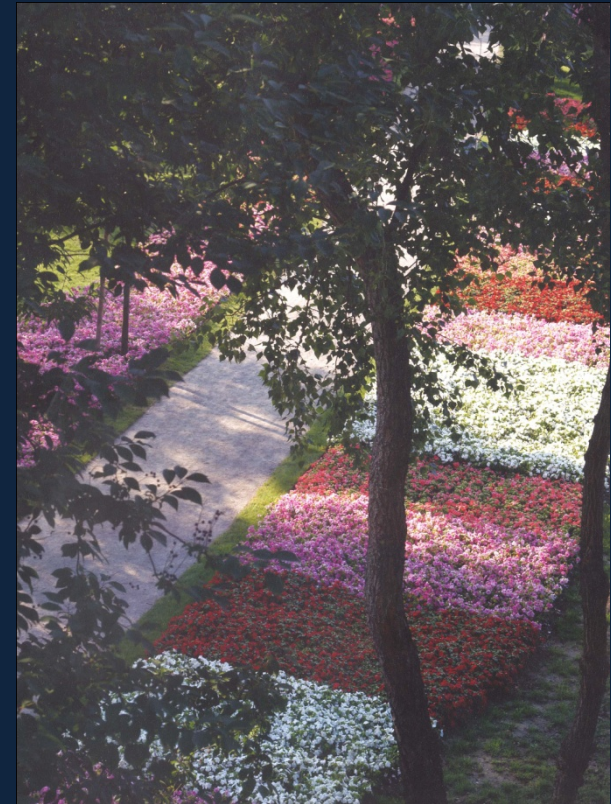


# MATRA workshop on guidelines

## WG meeting

Zagreb, March, 2007

- Working groups: sorethroat, UTI, MRSA, surgical prophylaxis
- GUIDELINES first draft versions
- methodology



# Guideline development

- **July 2007**

- final draft version discussed with I. Gyssens
- piloting principles set up
- consensus checked
- publishing policy discussed

- **1st October – 15th November 2007**

- Final draft versions on the web open for comments
- Piloting phase

# MATRA workshop: Overcomming barriers in guideline implementation

Zagreb, October, 2007

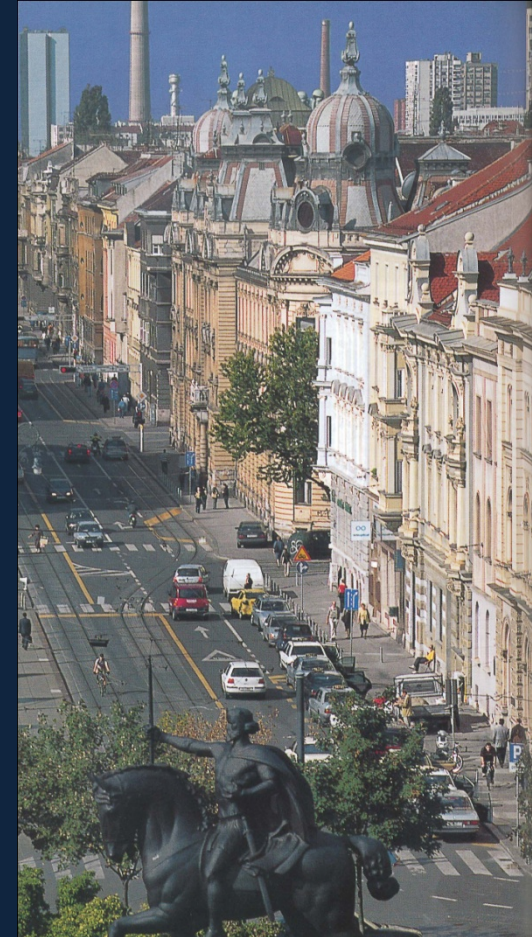
- Working groups: sorethroat, UTI, MRSA, surgical prophylaxis
- Implementation process
  - Resistance to change
  - Force field analysis



# MATRA workshop on guideline development

Zagreb, November, 2007

- Working groups: sorethroat, UTI, MRSA, surgical prophylaxis
- Final documents presented
- Comments received during the piloting phase discussed
- Implementation of the guidelines
- publication



# ISKRA guidelines on sorethroat: diagnostic and therapeutic approach – Croatian national guidelines



- 10 meetings
- > 100 e-mail messages
- > 50 phone calls
- > 2 yrs
- 2 months of piloting
- International consultants
  - “consensus”, “evidence based”, “external review”





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# LIJEČNIČKI VJESNIK

GLASILO HRVATSKOGA LIJEČNIČKOG ZBORA

**SMJERNICE ZA PREVENCIJU,  
KONTROLU I LIJEČENJE INFEKCIJA  
KOJE UZROKUJE METICILIN-REZISTENTNI  
STAPHYLOCOCCUS AUREUS (MRSA)**

**GUIDELINES FOR PREVENTION,  
CONTROL AND TREATMENT OF INFECTIONS  
CAUSED BY METHICILLIN-RESISTANT  
STAPHYLOCOCCUS AUREUS (MRSA)**

Liječn Vjesn 2008;130(Suppl.1):1-32.





# LIJEČNIČKI VJESNIK

GLASILO HRVATSKOGA LIJEČNIČKOG ZBORA

## UVODNIK

### ISKRA smjernice antimikrobnog liječenja i profilakse infekcija mokraćnog sustava – hrvatske nacionalne smjernice

Višnja Škerk, Arjana Tambić Andrašević, Saša Andrašević, Edita Sušić, Ana Mlinarić Džepina, Vesna Mađarić, Slobodan Milutinović †, Ivan Krhen, Ljiljana Perić, Jugoslav Bagatin, Mario Čorić, Daniel Ferlin, Irina Cazin, Gordana Tomac  
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## Dvostruka hipofiza

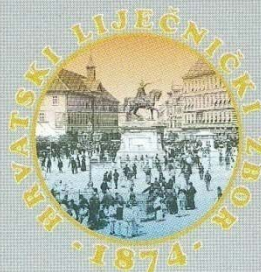
Nevena Krnić, Katja Dumić, Marko Radoš, Nataša Rojnić Putarek, Andrija Stanimirović  
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# LIJEČNIČKI VJESNIK

GLASILO HRVATSKOGA LIJEČNIČKOG ZBORA

## UVODNIK

### Smjernice ISKRA za grlobolju: dijagnostički i terapijski pristup – Hrvatske nacionalne smjernice

Arjana Tambić Andrašević, Tomislav Baudoin, Dalibor Vukelić, Suzana Mimica Matanović, Danijela Bejuk, Diana Puževski, Maja Abram, Goran Tešović, Zdravko Grgurev, Gordana Tomac, Irina Pristaš

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## IZVORNI RADovi

### Malarija u Hrvatskoj u razdoblju od 1987. do 2006.

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### Neepidermoidni tumori larinksa – 15-godišnje iskustvo u našoj ustanovi

Mario Bilić, Drago Prgomet, Lana Kovač, Iva Topić, Vladimir Katić

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## KLINIČKA ZAPAZANJA

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Ivan Alerić, Miroslav Krpan, Jasminka Jakić-Razumović, Zagorka Boras, Ivica Mažuranić

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### Marden-Walkerov sindrom – prikaz bolesnice

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### Dopler jetrene cirkulacije

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# LIJEČNIČKI VJESNIK

GLASILO HRVATSKOGA LIJEČNIČKOG ZBORA

## SMJERNICE I PREPORUKE

### Smjernice ISKRA za antimikrobnu profilaksu u kirurgiji – hrvatske nacionalne smjernice

Igor Francetić, Sanda Sardelić, Suzana Bužovski-Simonoski, Marija Santini, Ljiljana Betica-Radić, Dražen Belina, Ivan Dobrić, Tomislav Đapić, Lidija Erdelez, Živko Gnjidić, Mirko Ivkić, Mladen Perić, Jasenka Škrlin, Vesna Tripković  
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### Učestalost i karakteristike dispepsije u bolesnika s koronarnom bolešću srca

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### Učestalost recidiva konvulzija poslije prvoga febrilnog napadaja: rezultati dvogodišnjeg promatranja

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### Laparoskopska parcijalna pericistektomija ehinokokne ciste jetre po Papadimitriou: prikaz bolesnika

Željko Bušić, Zvonimir Lovrić, Marijan Kolovrat, Vlatka Čavka, Leonardo Patrlj, Mislav Čavka  
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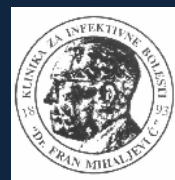
# Implementation phase



everything  
is easier SAID  
than done

except for talking

that's about  
the same



- **Symposia on ISKRA guidelines**

- Zagreb, May 2008
- Osijek, June 2008
- Dubrovnik, May 2009
  - 76 GP /80 participants registered / 33 questionnaires answered
- Pula, September, 2009
  - 119 GP /107 participants registered / 37 questionnaires answered
- Varaždin, November, 2009
  - 87 GP /229 participants registered / 56 questionnaires answered
- Čakovec, December, 2009
  - 61 GP /82 participants registered / 28 questionnaires answered

- HLZ sastanak
  - Gospić, May, 2009
- Pedijatrijska škola
  - Split, November, 2009
- Simpozij o uporabi antibiotika
  - Rijeka, studeni, 2009
- EAAD Symposium
  - Zagreb, studeni, 2009



# ISKRA guidelines

*2011 - 2013*

- **2009 - 2010**
  - ISKRA approached by national societies and individual national opinion leaders with suggestions on topics for next ISKRA guidelines
  - Topics selected: **CAP, prostatitis, systemic fungal infections**
  - International consultants approached (I. Gyssens)
- **January 2011**
  - Working groups (WG) set up, members appointed by the Ministry of Health
- **March 2011**
  - WGs meeting with international consultants: methodology, overview of existing guidelines

# ISKRA guidelines

*2011 - 2012*

- **June 2011**
  - Draft version of guidelines
  - Contact with consultants via e-mail
- **November 2011**
  - Final draft version
  - Contact with consultants via e-mail
- **March 2012**
  - Report to ISKRA:
    - final draft version prepared for the web
    - piloting principles set up
    - consensus checked
    - publishing policy discussed

# ISKRA guidelines

*2011 - 2012*

- **April - June 2012**
  - ISKRA approval of the final draft version
  - Final draft versions on the web open for comments
  - Piloting phase
- **July – October 2012**
  - Analysing comments received during the piloting phase
  - Final document
- **November 2012**
  - WGs meeting
    - Presentation of final documents
    - Comments received during the piloting phase to be discussed
    - Implementation of the guidelines to be discussed

