

# International SOS at AEB

When the doctor is far...

Implementation of first aid training standards in your corporation?

Artiom Kharchikov and Birger Oldorff – 23.06.2009



Worldwide reach Human touch

# Agenda

1. The doctor is always far ...

2. First Aid Standards

3. Implementation rules



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# 1. The doctor is always far ...

## The doctor is always far ....

- **In Russia:  
8,500 fatalities per year at work – plus approx 7,500 non fatal severe accidents (excl. lighter cases) – official numbers (grey zone of approx 80%)**
- **Trauma is the leading cause of death and injury at work**
- **In the USA about 80 percent of cardiac arrests occur in private/office or residential settings – 20% in hospital environment**
- **On average, 31 % of out-of-hospital cardiac arrests receive bystander CPR (USA)**



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## The doctor is always far.....

- **If CPR is not started within 10 minutes after cardiac arrest - no chance for survival (every minute takes away 10%)**
- **Golden time; CPR to start within 3 minutes**
- **For Trauma - If shock prevention measures (like bleeding stop) is taken within first 6 hours - survival rate increase 25-30 %**
- **Companies taking it serious (Golden industry standard) provide access within 4 minutes to first aider ....**

## 2. First Aid Standards

## Is there a first aid training standard?

- Do I have to implement first aid training?
- How should I train?
- Who should I train?
- How often should I train?
- How do I monitor results?



# Accepting typical inter-industry FAT instructions

CPR protocol  
Compressions to ventilation  
ratio **1:5 or 2:15**

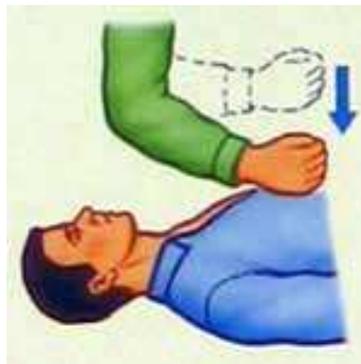
Was changed to  
**30:2**  
in 2005

Airway opening technique



Ineffective rescue breathing, gastric  
inflation

Precordial thumb



Waste of time, ineffectiveness proved

**I'm alive because of you - Thank you**



Fiona and Stanley: friends for life!

## 3. Implementation Rules

# Top down implementation

**Nick Peters, General  
Manager Americas**



**Arnaud Vaisse, Founder ,  
Chairman / CEO  
International SOS**



# Global CPR & AED tracking tool

Address: http://ms01ink2os.com/CPR/Lists/Moscow/Group%20by%20Date%20Completed.aspx

Medical Services & Operations Division (MS&C) > HOME

## GLOBAL CPR & AED TRAINING TRACKING TOOL

HOME

Home Objective / Scope / Organization User Guide Participants Responses

HOME > Moscow

**MOSCOW**

CPR Training Tool for - Moscow

New Actions

Edit	Email	Session Scheduled - Start	Date Completed	Participants Attended	Trainers
			± Date Completed : (9)		
			± Date Completed : 23/05/2009 (4)		
			± Date Completed : 26/03/2009 (3)		
			± Date Completed : 31/03/2009 (7)		
			± Date Completed : 13/04/2009 (10)		
			± Date Completed : 14/04/2009 (10)		
			± Date Completed : 17/04/2009 (7)		
			± Date Completed : 20/04/2009 (13)		
			± Date Completed : 21/04/2009 (3)		
			± Date Completed : 23/04/2009 (10)		
			± Date Completed : 24/04/2009 (4)		
			± Date Completed : 12/05/2009 (8)		

Global Intranet

Moscow Status

Scheduling, feedback, tracking, ...

Regional Status

## Implementation Rules

- **FAT is for everybody (Top down – incl. top management)**
- **Train as per recognized standards e.g. European Resuscitation Council, Red Cross**
- **Are trainers certified (ACLS, BLS, CPR +AED)**
- **Practical training vs. lecture!**
- **Take the time necessary (everybody)**
- **Pedagogical group size?**
- **Control and track implementation of training programs!**

# Questions?

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