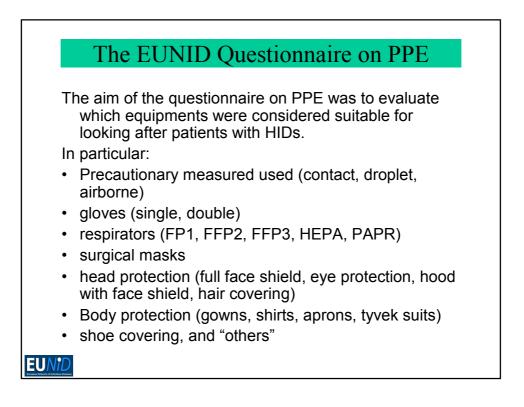


Description Description Descrip

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Countries which participated at the EUNID meeting

During the EUNID meeting, hold in London on 5-6 April 2006, the partners of the project discussed the proposal, achieving an agreement .

At the meeting representatives from 14 countries were present:

- Austria
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece

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- Ireland
- Italy
- Luxembourg
- Netherlands
- Spain
- Sweden
- UK

Why to use PPE in Healthcare Setting To improve safety in health care personnel

PPE definition

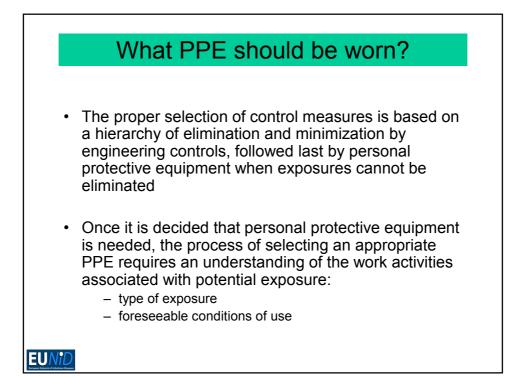
"any device or appliance designed to be worn or held by an individual for protection against one or more health and safety hazards" (89/686/EEC)

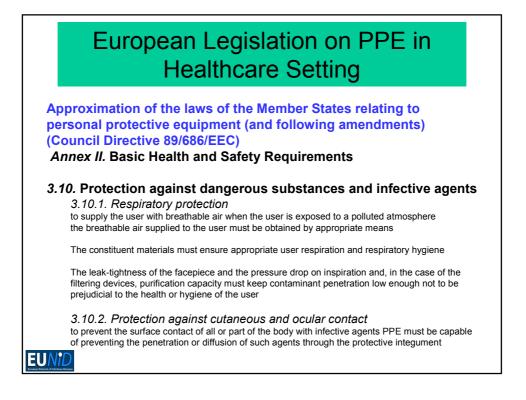
devices that "provides a physical barrier between micro-organisms and the wearer. It offers protection by helping to prevent microorganisms from: contaminating hands, eyes, clothing, hair and shoes; and being transmitted to other patients and staff" (WHO)

"specialized clothing or equipment worn by an employee for protection against infectious materials" (OSHA)

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European Legislation on PPE in Healthcare Setting

Council Directive 89/686/EEC

Annex II. Basic Health and Safety Requirements

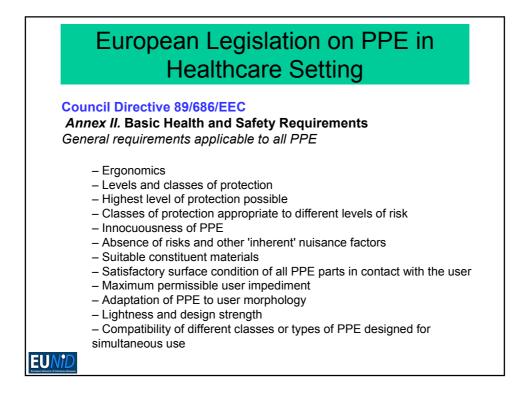
3.10. Protection against dangerous substances and infective agents

the constituent materials and other components of PPE must be so chosen, or designed and incorporated as to ensure complete protection and hygene for the period of wear concerned under the foreseeable conditions of use

the PPE must bear the manufacturer's identification mark and details of the specific characteristics of that type of equipment which, in conjunction with the instructions for use, will enable a trained and qualified user to employ the PPE correctly

the manufacturer's notes must also in the case of filtering devices, indicate the deadline for the storage of filters as new and kept in their original packaging

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European Legislation on PPE in Healthcare Setting

... in particular

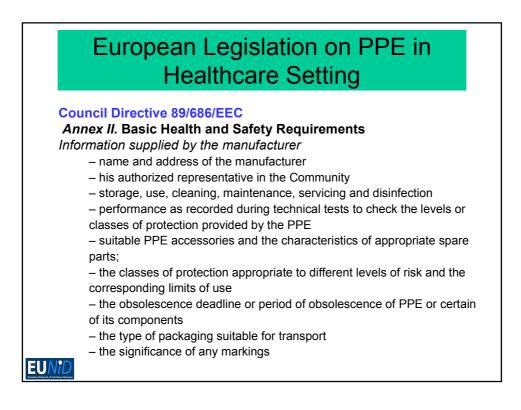
Highest level of protection possible

The optimum level of protection to be taken into account in the design is that beyond which the constraints imposed by the wearing of the PPE would prevent its effective use during the period of exposure to the risk or normal performance of the activity.

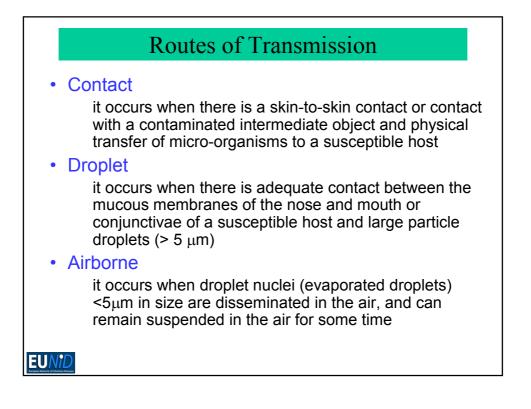
Absence of risks and other 'inherent' nuisance factors

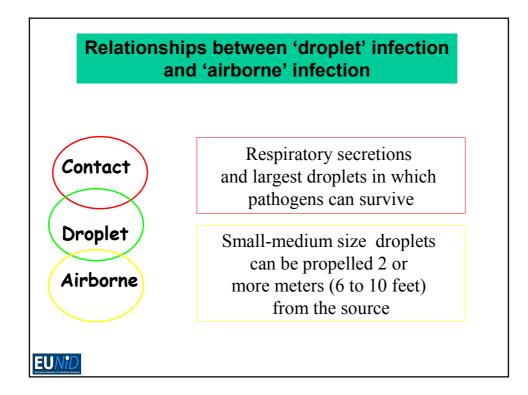
PPE must be so designed and manufactured as to preclude risks and other nuisance factors under foreseeable conditions of use.

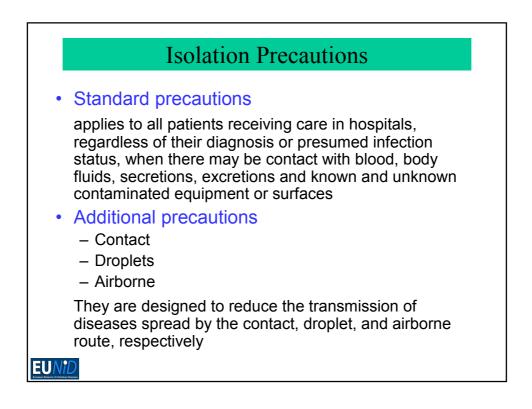


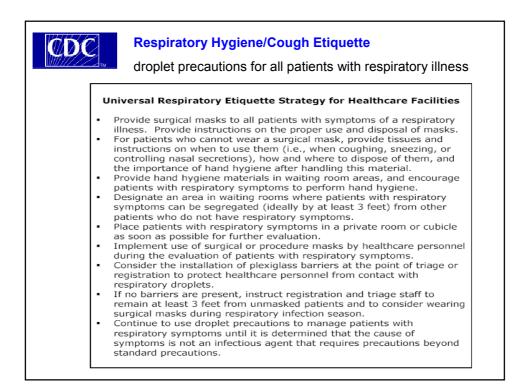


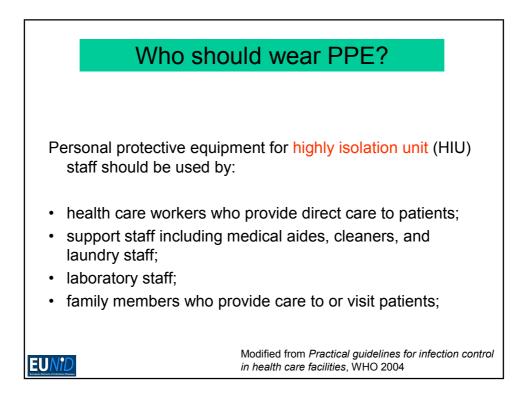
Type of PPE used in Hea Setting	Ithcare
Body protection Gloves Protective Clothing (gown, apron, suit)	EN 374-2003 EN14126:2003
Face protection Full face mask Half mask Goggles, eyewear	EN 136 EN 140 EN 166
Respiratory protection Respirators	
Disposable face piece Powered hoods/helmets [TH1 (FFP2), TH2 (FFP3) or TH3]	EN 149:2001 EN 12941
PAPR Filters	EN 147 EN 143
Filters (P1, P2, P3) efficiency Respiratory resistance	EN 143 EN 141 and EN 371

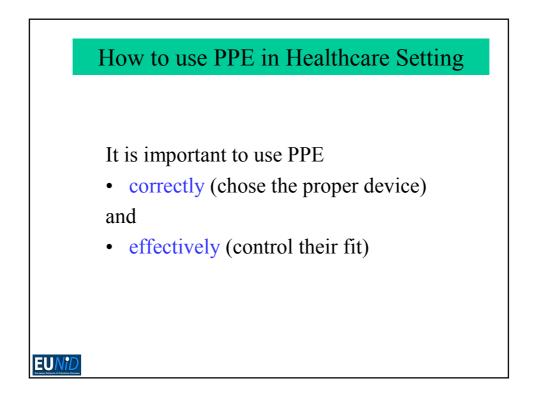


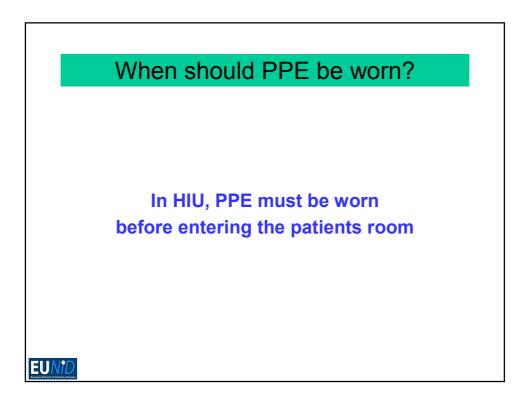


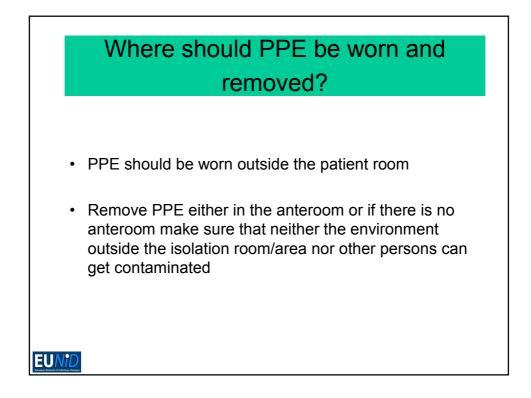


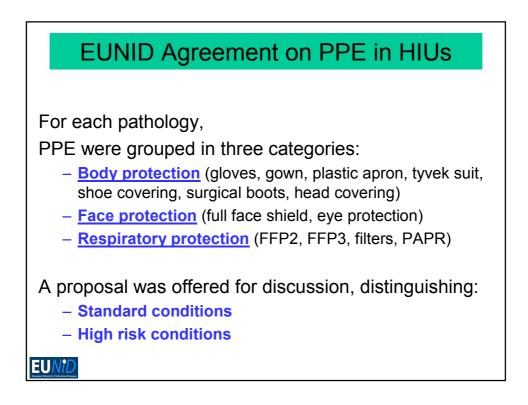


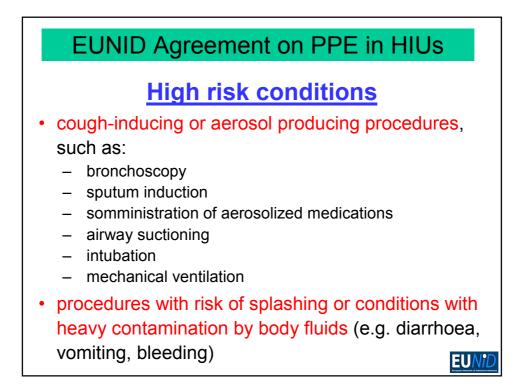


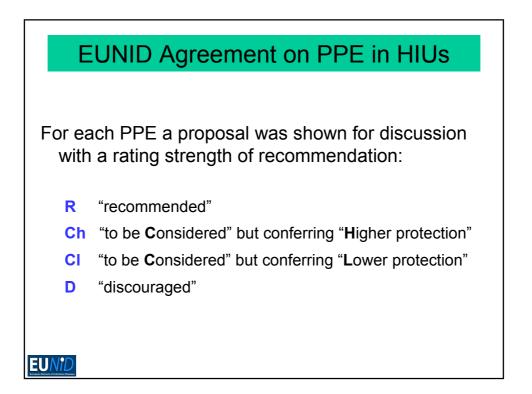












ŀ		olation Pre			nt							
	Contact Droplets Airborne											
	Smallpox	Х	Х	Х								

Standard precautions

Х

Х

Х

Х

Only in high risk procedures

Х

Х

Х

Х

Х

VHFs

Plague

SARS

EUNiD

Pneumonic

MDR-TBC

Avian Flu

	General Statements
•	The incremental benefit of respirators for preventing transmission of airborne infectious agents has not been assessed
•	Although there is <u>limited information</u> on the efficacy of respirators or masks in preventing transmission, particulate respirators have been shown to have greater filtration efficiency and better facial fit qualities than surgical masks
•	For highly infectious diseases a precautionary principle should be applied
•	Including triage areas and admission units in all healthcare settings (other than HIUs)
•	In order to encourage adherence to PPE, the partners agreed to favour homogeneity in infection control protocols for HIU against the risk to over protection
N	D

		MC	R	Т	uber	culos	sis							
Body protection	5.	double gloves								hair covering				
standard		Standard precautions												
high risk		Standard precautions												
Face protection	Full face shield	Goggle	es	wit	eglasses h lateral shield	Hood with Safety face shield glasses								
Standard				Stor		agutiana								
High risk			•	Star	idard pre	cautions								
Respiratory protection	Surgical mask													
Standard	D	C)		CI	R	Ch							
High risk	D)		D	CI		२						
										EUNI				

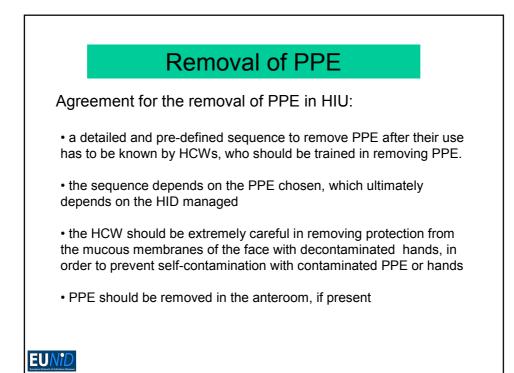
	Smallpox										
Body protection	single gloves	double gloves	Imp . go		plastic apron		l body ek suit	shoe coverin g	surgical boots		hair vering
standard	R	Ch	F	ł	Ch		Ch	R	Ch		R
high risk	R	Ch	F	ł	Ch		Ch	R	Ch		R
Face protection	Full face shield	e Gogg	gles		eglasses v teral shie			od with shield	Safety glasses		
Standard	Ch	R	1		CI			Ch	D		
High risk	R	С	I	D				Ch	D		
Respiratory protection	Surgica mask	II FF	P2		FFP3	PAPR/Mask HEPA filt					
Standard	D	(CI		R		Ch				
High risk	D	[D		CI		R				
											EUNi

	Vi	ral H	ła	em	orrh	12	agic	feve	er	S	
Body protection	single gloves	double gloves		perm Iown	plastic apron		⁻ ull body yvek suit	shoe coveri	-	surgical boots	hair covering
standard	CI	R		CI	CI		R	R		Ch	CI
high risk	D	R		D	D		R	R		Ch	D
Face protection	Full face shield/n ask	-	les	wit	eyeglasses with lateral shield		Hood with face shield			Safety glasses	
Standard	R	CI			D	Ch		D			
High risk	R	D		D			Ch		D		
Respiratory protection	Surgica mask		P2		FFP3	N	lask/PAPI HEPA fil				-
Standard	D	C			R		Ch				
High risk	D)		CI		R				

				C	SAR	S					
Body protection	single gloves	double gloves	Impe . go		plastic apron		ll body ek suit	shoe covering	surgic al boots	hair covering	
standard	R	Ch	R	1	Ch		Ch	R	Ch	R	
high risk	R	Ch	h R		Ch Ch R		Ch Ch		R	Ch	R
Face protection	Full face shield	e Gogg	gles		glasses v teral shiel			with face hield	Safety glasses		
Standard	Ch	R			CI		Ch		D		
High risk	R	С		D			(Ch	D		
Respiratory protection	Surgica mask	I FF	P2		FFP3	Ma	ask /PAI HEPA				
Standard	CI	0)		R		Ch				
High risk	D	0	21		CI		R				

	Par	nder	nic	: F	ilu (F	Pha	se	3 1	to	5)	
Body protection	single glove s	double gloves		erm own	plastic apron	Full b tyvek		shoe coveri	-	surgic al boots	hair covering
standard	R	Ch	F	र	Ch	Cł	٦	Ch		Ch	Ch
high risk	R	Ch	F	र	Ch	Cł	n	Ch		Ch	R
Face protection	Full face shield	Goggl	es	wit	with lateral		Safety Iasses				
Standard	Ch	R			CI		Ch		E		
High risk	R	CI		D			Ch		D		
Respiratory protection											
Standard	D	0			R	С	h	(Ch		
High risk	D	[C		D	F	ł		R		
											EUNI

		P	ie	um	ionio	; F	Jac	jue		
Body protection	single gloves	double gloves		erm. wn	plastic apron		ll body ek suit	shoe covering	surgical boots	hair covering
standard	R	Ch	F	२	Ch	С	h (D)	Ch	Ch	R
high risk	R	Ch	F	२	Ch		Ch	Ch	Ch	R
Face protection	Full face shield	Gogg	gles	eyeglasses with lateral shield			Hood with face shield		Safety glasses	
Standard	Ch	R			CI		Ch	(D)	D	
High risk	Ch	R		CI		Ch (D)		(D)	D	
Respiratory protection	Surgical mask	FF	P2	F	FP3		laskPAI n HEPA			
Standard	R	С	h		Ch		Ch			
High risk	CI	F	र		R		Ch			



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