Document supplémentaire

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Tableau S1 : Mots clés et classification des MeSH des quatre concepts choisis pour l'examen de la portée

Concept 1 — Infections nosocomiales	Concept 2 — Épidémiologie	Concept 3 — Surveillance	Concept 4 — Administration
Infection contractée à l'hôpital	Mortalité hospitalière[a]	Surveillance	Organismes gouvernementaux[a]
Infection associée à l'hôpital	Hôpital[a]	Surveillance	Établissements de santé[a]
Infection hospitalière	Infection[a]	Surveillance de la santé publique	Collecte de données[a]
Infection associée aux soins de santé	Épidemiologie[a]	Surveillance de la population[a]	Relations interinstitutionnelles[a]
Infection acquise au cours de soins de santé	Résistance aux médicaments[a]	Surveillance antimicrobienne	Programmes nationaux de santé[a]
Infection liée aux soins de santé	Infection bactérienne[a]	Surveillance sentinelle[a]	Surveillance sentinelle
Infection nosocomiale	-	Outils de surveillance	Ligne directrice des pratiques comme sujet[a]
Infection associée aux soins de santé	-	Sécurité des patients[a]	Surveillance de la population
Infections associées aux soins de santé	-	Infection au site chirurgical	Dossiers de santé électroniques[a]
Contrôle des infections[a]	-	Programme de surveillance des médicaments[a]	Méthodes épidémiologiques[a]
Prévention des infections	-	Présentation de rapports destinés au public	Santé publique[a]
Infection nosocomiale	-	Données sur les soins de santé	-
Infection croisée[a]	-	Surveillance épidémiologique[a]	-
-	-	Surveillance nationale de l'infection au site chirurgical	-
-	-	Enquête sur la santé[a]	-
-	-	Résistance aux antibiotiques[a]	-
-	-	Sensibilité aux antibiotiques	-

Abréviations : MeSH, Medical Subject Headings; -, sans objet
[a] Termes utilisés comme mots clés et des MeSH

SUPPLÉMENTAIRE

Données S1 : Liste des 220 articles choisis par un examen systématique par l'intermédiaire de Medline

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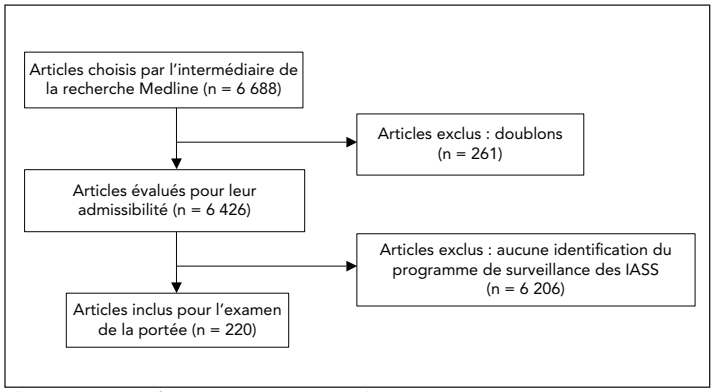
Figure S1 : Organigramme de l'examen de la portée



Abréviation : IASS, infections associées aux soins de santé

Tableau S2 : Nombre d'articles trouvés par pays

Pays	Nombre d'articles choisis
Australie	11
Autriche	4
Belgique	3
Canada	5
Croatie	0
Chypre	0
République tchèque	0
Danemark	2
ECDC	5
Angleterre	6
Estonie	1
Finlande	2
France	5
Allemagne	31
Grèce	3
Hongrie	1
Islande	0
Irlande	11
Italie	13
Lettonie	0
Lituanie	0
Luxembourg	0
Malte	0
Pays-Bas	10
Norvège	5
Pologne	1
Portugal	0
Slovaquie	1
Slovénie	0
Espagne	15
Suède	3
Royaume-Uni-Irlande du Nord	1
Royaume-Uni-Pays de Galles	0
Royaume-Uni-Écosse	0
États-Unis	106
Total	245

Abréviation : ECDC, Centre européen de prévention et de contrôle des maladies

Tableau S3 : Nombre d'hôpitaux participants pour quatre programmes de surveillance de HAI-NET, le Centre européen de prévention et de contrôle des maladies

Pays	ICD[a]		ISO[b]		USI[b]	EPP[c]		Nombre d'hôpitaux dans le pays en 2011
	Nombre d'hôpitaux participants	%	Nombre d'hôpitaux participants	%	Nombre d'USI participantes	Nombre d'hôpitaux participants	%	
Autriche	1	1	32	17	-	9		189
Belgique	129	66	-	-	8	52	27	194
Bulgarie[d]	-	-	-	-	-	42	17	241
Croatie	26	43	-	-	-	11	18	60
Chypre	-	-	-	-	-	8	100	8
République tchèque	19	12	-	-	-	14	9	158
Danemark	-	-	-	-	-	3	6	52
Estonie	4	10	2	5	4	4	10	40
Finlande	13	22	12	20	-	59	100	59
France	203	13	339	22	199	54	3	1 558
Allemagne	-		541	3	838	46	3	1 736
Grèce	2	1	-	-	-	37	27	137
Hongrie	58	54	33	31	9	29	27	108
Islande	-	-	-	-	-	2	25	8
Irlande	1	2	-	-	-	50	83	60
Italie	2	0	94	9	104[e]	49	5	1 023
Lettonie	1	6	-	-	-	15	88	17
Lituanie	3	3	23	25	36	44	48	92
Luxembourg	-	-	-	-	10	9	100	9
Malte	1	33	-	-	1	3	100	3
Pays-Bas	1	1	80	83	-	33	34	96
Norvège	-	-	61	102	-	7	12	60
Pologne	46	6	-	-	-	35	4	795
Portugal	-	-	51	5	43	57	56	101
Roumanie[d]	-	-	-	-	10	10	3	311
Slovaquie	36	32	5	4	8	40	36	112
Slovénie	3	14	-	-	-	21	100	21
Espagne	4	1	-	-	188	59	11	550
Suède	-	-	-	-	-	4	5	80
Royaume-Uni-Angleterre	-	-	316	125	-	51	20	253
Royaume-Uni-Irlande du Nord	-	-	10	63	-	16	100	16
Royaume-Uni-Écosse	3	6	-	-	22	52	100	52
Royaume-Uni-Pays de Galles	-	-	12	13	-	22	25	89
Europe	556	7	1 611	19	1 460	947	11	8 288

Abréviations : HAI-NET, Healthcare Associated Infections Surveillance Network; EPP, enquête de prévalence ponctuelle; GiViTi, Gruppo italiano per la Valuatazion degli interventi In Terapia intensiva; ICD, infections à *Clostridoides difficile*; ISC, infections au site chirurgical; SPIN-UTI, Italian Nosocomial Infections Surveillance in Intensive Care Units; USI, unité de soins intensifs

[a] Rapport de 2016

[b] Rapport de 2017

[c] Rapport de 2011–2012

[d] Même si la Bulgarie et la Roumanie ne sont pas considérées comme des pays à revenu élevé, elles sont restées dans la liste pendant leur participation au programme de l'ECDC

[e] GiViTi et SPIN-UTI ensemble

Tableau S4 : Infections recensées dans les programmes nationaux de surveillance, 37 pays, 2021 (*suite*)

Programme	Pays	Infection	Obligatoire – volontaire	Incidence – prévalence	Fréquence des signalements au		Fréquence des signalements	Nombre d'hôpitaux participants[a]		Nombre total d'hôpitaux dans le pays[a]
					Ministère	Publique		N	%	
Océanie										
ACSQHC[b]	Australie	ICD	V	I	Mensuellement, trimestriellement ou annuellement	Annuelle, trimestrielle	Oui	-	-	693 publics et 657 privés
		ISO	O, V	I	-	Annuelle, trimestrielle	Oui	-	-	
		Infection sanguine[c]	O	I	-	Annuelle, trimestrielle	-	-	-	
		Infections liées aux cathéters intravasculaires centraux (CIC)	O, V	I	-	Annuelle, trimestrielle	-	-	-	
ANZICS[b]		Infections liées aux CIC	O, V	-	Mensuelle	Annuelle	Oui	-	-	
AIHW		Infection sanguine[c]	O	-	Annuelle	-	Oui	> 700 publics et 183 privés	100 publics, 27,9 privés	
AGAR		MRA[d] (ERV, SARM, SASM, EPC[e], Gram négatif)	-	P	-	Annuelle	-	38 laboratoires	-	-
Amérique du Nord										
PCSIN	Canada	ICD	V	I	Annuelle	Annuelle	Oui	68	11,0	620
		ERV, SARM	V	I	Annuelle	Annuelle	Oui	62	10,0	
		EPC	V	I	Annuelle	Annuelle	Oui	59	9,5	
		MRA	V	I	Annuelle	Annuelle	Oui	65	10,5	
		Infections liées aux CIC, ISO, *C. auris*, DLCF	V	I	Annuelle	Annuelle	Oui	-	-	
		EPP	V	P	Annuelle	Annuelle	-	-	-	
NHSN	États-Unis	ERV, SARM, SASM, ICD, ECP, Infections liées aux CIC, ISO, IVU, ventilation[f], MRA	V	I	Mensuelle	Annuelle	Oui	3 889	63,3	6 146
Europe										
ANISS	Autriche	ISO	V	I	-	Annuelle	Oui	53	28,0	189
		USI	V	I	-		-	46	24,3	
		EPP	V	P	-		-	47	24,9	
NSIH	Belgique	Infection sanguine	O	I	Trimestrielle	Annuelle	-	96	93,2	103
		ICD	V	I	Trimestrielle	Annuelle	-	87	84,5	
		ISO	V	I	Trimestrielle	Annuelle	-	63	61,2	
		Infections liées aux CIC[g], IVU[g]	V	I	Trimestrielle	Annuelle	-	14	13,6	
		Ventilation[f,g]	O	I	-	Annuelle	-	-	-	
		SARM, Gram-	O	I	-	Annuelle	-	-	-	
		ERV	V	I	-	Annuelle	-	-	-	
-[b]	Croatie	-	-	-	-	-	-	-	-	-
NRC-HAI[b]	République tchèque	ICD, ISO, USI	Inconnu	Inconnu	-	-	-	-	-	-
		EPP	Inconnu	P	-	-	-	-	-	
HAIBA	Danemark	ICD, ISO, IVU, infection sanguine	Inconnu	I	Quotidienne ou mensuelle	Annuelle	-	-	-	32
DANMAP		AMR (ERV, SARM, ECP[e])	O	P	-	-	-	10 (services de microbiologie clinique)		10 (services de microbiologie clinique)

Tableau S4 : Infections recensées dans les programmes nationaux de surveillance, 37 pays, 2021 (*suite*)

Programme	Pays	Infection	Obligatoire – volontaire	Incidence – prévalence	Fréquence des signalements au		Fréquence des signalements	Nombre d'hôpitaux participants[a]		Nombre total d'hôpitaux dans le pays[a]
					Ministère	Publique		N	%	
Europe (*suite*)										
HAI-NET	ECDC	ISO	V	I	À la fin de la période de surveillance	Annuelle	-	1 611	29,1	5 532
		ICD	V	I	À la fin de la période de surveillance	Annuelle	-	556	10,4	5 324
		USI	V	I	À la fin de la période de surveillance	Annuelle	-	589 USI	15,3	3 839
		EPP	V	P	-	Tous les 5 ans	-	947	11,4	8 288
SIRO[b]	Finlande	infection sanguine, ICD, ISO	O	I	À la fin de la période de surveillance	Annuelle	-	59	100	59
		EPP	V	P	-	-	-	De 50 à 59	De 84,7 à 100	
RAISIN-I	France	ISO	V	I	-	Annuelle	-	357	22,9	1 558
RAISIN-P		EPP	V	P	Une journée	Tous les 5 ans	-	1 533	98,4	
KISS[b]	Allemagne	ICD, MRA (ERV, Gram-)	V	I	Mensuelle	Annuelle	Oui	-	-	1 914
		IVU[g], IVRI[g], infection sanguine[g], néonatalogie	V	I	Mensuelle	Annuelle	-	-	-	
		ISO	V	I	Trimestrielle	Annuelle	Oui	-	-	
		Ventilation[f]	V	I	-	Annuelle	Oui	-	-	
		SARM	V	I	Annuelle	Annuelle	Oui	-	-	
NNSR	Hongrie	MRA, IDC, infection sanguine, éclosion	O	I	-	Annuelle	-	169	100	169
		ISO, USI, néonatalogie	V	I	-	Annuelle	-	47	27,8	
		USI	V	I	-	Annuelle	-	34	20,1	
		Néonatalogie	V	I	-	Annuelle	-	10 unités de néonatalogie	-	
HPSC	Irlande	ICD	V	I	Trimestrielle	Trimestrielle/ annuelle	Oui	56	93,3	60
		SARM[d]/SASM[d]	V	I	Trimestrielle	Trimestrielle/ annuelle	-	-	-	
		EPP	O	P	-	Trimestrielle/ annuelle	-	-	-	
		CPE[e]	O	I	Mensuelle	Trimestrielle/ annuelle	-	-	-	
		ERV[d], Gram-[d]	V	I	-	Trimestrielle/ annuelle	-	-	-	
		Ventilation[f,g]	O	I	-	-	Oui	-	-	
SPIN-UTI	Italie	Infections liées aux CIC[g], infection sanguine[g], IVU[g], ventilation[g]	V	I	Annuelle	Tous les 2 ans	-	41 USI	-	1 023
GiViTi		Infections liées aux CIC[g], infection sanguine[g], ventilation[g]	V	I	-	Annuelle	Non	230 USI	-	

Tableau S4 : Infections recensées dans les programmes nationaux de surveillance, 37 pays, 2021 (*suite*)

Programme	Pays	Infection	Obligatoire – volontaire	Incidence – prévalence	Fréquence des signalements au		Fréquence des signalements	Nombre d'hôpitaux participants[a]		Nombre total d'hôpitaux dans le pays[a]
					Ministère	Publique		N	%	
Europe (*suite*)										
-	Lituanie	USI	V	I	-	Annuelle	Oui	28	30,4	92
		ISO	V	I	-	Annuelle	Oui	27	29,3	
		EPP	O	I	-	-	Oui	95	100	
NOSIX[b]	Luxembourg	-	-	I	-	-	-	-	-	-
PREZIES[b]	Pays-Bas	Infections liées aux CIC, ISO	O	I	Annuelle (formulaire en ligne)	Annuelle	-	-	-	96
		Prévalence	V	P	Après la période d'étude (deux fois par année)	Annuelle	-	-	-	
SWAB		MRA (éclosion)	V	P	Mensuelle	Annuelle	-	38 hôpitaux (30 laboratoires)	39,6	
NOIS	Norvège	ISO	O	I	-	Annuelle	-	61	100	60
		EPP	V	P	Deux fois par année	-	-	-	-	
		IVU, infection sanguine	O	I	-	Annuelle	-	-	-	
		Néonatalogie, IVRI, ventilation[f]	Inconnu	I	-	-	-	-	-	
-	Pologne	Infection sanguine[g], IVU[g], ventilation[g]	V	I	Après la période d'étude	-	-	11	1,4	795
		EPP	V	P	Après la période d'étude	Annuelle	-	160	20,1	
PPCIRA	Portugal	ISO	V	I	-	-	-	54	53,5	101
		Infections liées aux CIC[g], ventilation[f,g]	V	I	-	-	-	30	29,7	
		Infections liées aux CIC[h], ventilation[f,h]	O	I	-	-	-	Tous	-	
EPIS[b]	Slovaquie	-	-	-	-	-	-	-	-	112
ENVIN	Espagne	Infections liées aux CIC[g], infection sanguine[g], IVU[g], ventilation[f,g]	V	I	1 par trimestre par année	Annuelle	-	230	41,8	550
Neo-KissEs[b]		Infections liées aux CIC[h], DLCR[h]	V	I	-	-	Oui	50	9,1	
EPINE		EPP	P	V	-	Annuelle	-	-	-	
INCLIMECC[b]		Infections liées aux CIC[g], infection sanguine[g], IVU[i], ventilation[f,g]	O	I	Annuelle	-	-	-	-	
		EPP	O	P	Annuelle	-	-	-	-	
		ISO, ECP[e], ICD, SARM	O	I	Annuelle	-	-	-	-	
SALAR[b]	Suède	EPP	O	P	Deux fois par année	Deux fois par année	-	-	-	80
Royaume-Uni										
PHE	Angleterre	SARM[d], SASM[d], ICD, Gram-	O	I	Mensuelle	Mensuelle, annuelle	-	148	58,5	253
		ISO	O, V	I	Trimestrielle		Oui	195	77,1	

Tableau S4 : Infections recensées dans les programmes nationaux de surveillance, 37 pays, 2021 (*suite*)

Programme	Pays	Infection	Obligatoire – volontaire	Incidence – prévalence	Fréquence des signalements au		Fréquence des signalements	Nombre d'hôpitaux participants[a]		Nombre total d'hôpitaux dans le pays[a]
					Ministère	Publique		N	%	
Royaume-Uni (*suite*)										
-	Irlande du Nord	ISO	O	I	Trimestrielle	Trimestrielle	-	-	-	16
		SARM, ICD	O	I	-	Trimestrielle	-	Tous	-	
		EPP	V	P	-	Tous les 5 ans	-	-	-	
WHAIP	Pays de Galles	ICD	O	I	-	Semestrielle	-	77	98,7	78
		ISO, ventilation[f]	O	I	-	Annuelle	-	68	87,2	
		Infection sanguine	O	I	-	Semestrielle	-	78	100	
SSHAIP	Écosse	ICD	O	I	6 mois ou annuelle	Annuelle, mensuelle	-	Tous	100	89
		EPP	O	P	Annuelle		-			
		Infection sanguine[g]	O	I	Trimestrielle		-			
		USI	O	I	Mensuelle		Oui			
		EPC, IVU	Inconnu	I	-		Oui (OCP)	-	-	
		ISO	O, V	I	Trimestrielle		-	Tous	100	
		SARM[d], Gram-[d], Infections liées aux CIC[g], ventilation[f,g], éclosion : norovirus	M	I	-		-			

Abréviations : ACSQHC, Australian Commission on Safety and Quality in Health Care; AGAR, Australian Group on Antimicrobial Resistance; AIHW, Australian Institute of Health and Welfare; ANISS, Austrian Nosocomial Infection Surveillance System; ANZICS, Australian And New Zealand Intensive Care Society; CEPCM, Centre européen de prévention et de contrôle des maladies; CLABSI, infection de la circulation sanguine associée à la ligne centrale; DANMAP, Danish Integrated Antimicrobial Resistance Monitoring and Research Programme; DLCR, dérivation du liquide céphalo-rachidien; ECDC, Centre européen de prévention et de contrôle des maladies; ENVIN, Estudio Nacional de Vigilancia de Infección Nosocomial en Servicios de Medicina Intensiva; EPINE, étude sur la prévalence des infections nosocomiales en Espagne; EPC, entérobactéries productrices de carbapénémase; EPIS, systèmes nationaux de surveillance épidémiologique; EPP, enquête de prévalence ponctuelle; EPV, événement provenant d'un ventilateur; ERC, entérobactéries résistantes aux carbapénèmes; ERV, entérocoques résistants à la vancomycine; GiViTi, Gruppo italiano per la Valuatazion degli interventi In Terapia intensiva; HAIBA, Healthcare-Associated Infections Database; HAI-NET, Healthcare Associated Infections Surveillance Network; HPSC, Health Protection Surveillance Center; I, incidence; ICD, infection à *Clostridoides difficile*; INCLIMECC, Indicadores Clínicos de Mejora Continua de la Calidad; IRVI, infection respiratoire des voies inférieures; ISO, infection au site chirurgical; IVU, infection des voies urinaires; KISS, Système allemand de surveillance des infections nosocomiales; MRA, microorganismes résistants aux antimicrobiens; infection sanguine, infections sanguines; NEO-KISS, Neonatology-KISS; NNSR, National Nosocomial Surveillance System; NHSN, National Healthcare Safety Network; NOIS, surveillance system for hospital acquired infections; NOSIX, Luxembourg Nosocomial Infection Surveillance System; NRC-HAI, National Reference Center for Healthcare Associated Infections; NSIH, National Surveillance of Healthcare associated and antimicrobial resistance; O, obligatoire; OPC, organismes producteurs de carbapénemase; P, prévalence; PHE, Public Health England; PCSIN, Programme canadien de surveillance des infections nosocomiales; PPCIRA, Programa de Prevenção e Controlo de Infeções e de Resistência aos Antimicrobianos; PPV, pneumonie provenant d'un ventilateur; PREZIES, Prevention of Nosocomial Infection through Surveillance; RAISIN, Réseau d'Alerte, d'Investigation et de Surveillance des Infections Nosocomiales; SALAR, Swedish Association of Local Authorities and Regions; SARM, infections à la circulation sanguine *Staphylococcus aureus* résistant à la méthicilline; SASM, infection à la circulation sanguine du *Staphylococcus aureus* sensible à la méthicilline; SIRO, Finnish Hospital Infection Programme; SPIN-UTI, Italian Nosocomial Infections Surveillance in Intensive Care Units; SSHAIP, Scottish Surveillance of Healthcare Associated Infection Programme; SWAB, Dutch Working Party on Antibiotic Policy; UIC, unité de soins intensifs; V, volontaire; WHAIP, Welsh Healthcare Associated Infection Programme; - sans objet

[a] Dernière version disponible
[b] aucun rapport trouvé (protocole seulement)
[c] *Staphylococcus aureus*
[d] Sepsie
[e] EPC, OPC ou ERC
[f] PPV ou EPV
[g] USI
[h] Néonatalogie