



**WEBINAR**

**PER UNA RIFLESSIONE SULLA RICERCA SCIENTIFICA  
NAZIONALE IN MEDICINA DEL LAVORO**

**Venerdì 2 dicembre 2022**



# Un percorso dall'epidemiologia alle prove di evidenza ed efficacia degli interventi in Medicina del Lavoro

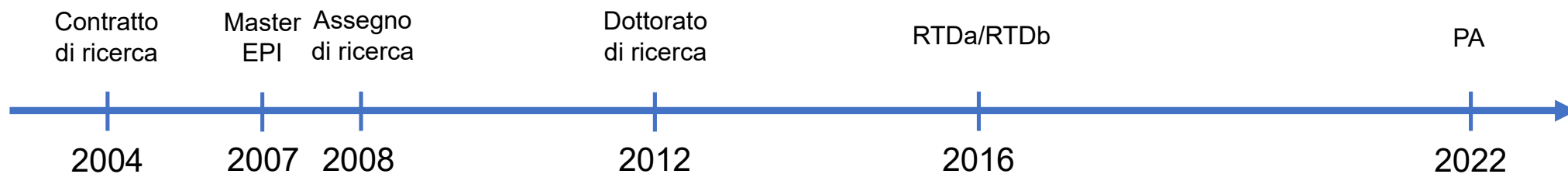
Stefania Curti  
Dipartimento di Scienze Mediche e Chirurgiche  
Università di Bologna

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**PER UNA RIFLESSIONE SULLA RICERCA SCIENTIFICA NAZIONALE IN MEDICINA DEL LAVORO**



# Un percorso dall'epidemiologia...



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# Un percorso dall'epidemiologia...



## **Incidence rates of in-hospital carpal tunnel syndrome in the general population and possible associations with marital status**

Stefano Mattioli\*<sup>1,11</sup>, Alberto Baldasseroni<sup>2</sup>, Stefania Curti<sup>1</sup>, Robin MT Cooke<sup>1</sup>, Antonella Bena<sup>3</sup>, Giovanna de Giacomi<sup>4</sup>, Marco dell'Omo<sup>5</sup>, Pirous Fateh-Moghadam<sup>6</sup>, Carla Melani<sup>7</sup>, Marco Biocca<sup>8</sup>, Eva Buiatti<sup>9</sup>, Giuseppe Campo<sup>10</sup>, Francesca Zanardi<sup>1</sup> and Francesco S Violante<sup>1</sup>

*BMC Public Health* 2008, **8**:374

## **Incidence rates of surgically treated idiopathic carpal tunnel syndrome in blue- and white-collar workers and housewives in Tuscany, Italy**

S Mattioli,<sup>1</sup> A Baldasseroni,<sup>2</sup> S Curti,<sup>1</sup> R M T Cooke,<sup>1</sup> A Mandes,<sup>1</sup> F Zanardi,<sup>1</sup> A Farioli,<sup>1</sup> E Buiatti,<sup>3</sup> G Campo,<sup>4</sup> F S Violante<sup>1</sup>

*Occup Environ Med* 2009;**66**:299–304.

## **Risk factors for operated carpal tunnel syndrome: a multicenter population-based case-control study**

Stefano Mattioli<sup>1</sup>, Alberto Baldasseroni<sup>2</sup>, Massimo Bovenzi<sup>3</sup>, Stefania Curti<sup>1</sup>, Robin MT Cooke<sup>1</sup>, Giuseppe Campo<sup>4</sup>, Pietro G Barbieri<sup>5</sup>, Rinaldo Gherzi<sup>6</sup>, Marco Broccoli<sup>7</sup>, Maria Pia Cancellieri<sup>8</sup>, Anna Maria Colao<sup>9</sup>, Marco dell'Omo<sup>10</sup>, Pirous Fateh-Moghadam<sup>11</sup>, Flavia Franceschini<sup>12</sup>, Serenella Fucksia<sup>9</sup>, Paolo Galli<sup>13</sup>, Fabriziomaria Gobba<sup>14</sup>, Roberto Lucchini<sup>15</sup>, Anna Mandes<sup>12</sup>, Teresa Marras<sup>16</sup>, Carla Sgarrella<sup>17</sup>, Stefano Borghesi<sup>15</sup>, Mauro Fierro<sup>1</sup>, Francesca Zanardi<sup>1</sup>, Gianpiero Mancini\*<sup>7</sup> and Francesco S Violante<sup>1</sup>

*BMC Public Health* 2009, **9**:343

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# Un percorso dall'epidemiologia...

## Physical Exertion (Lifting) and Retinal Detachment Among People With Myopia

Stefano Mattioli,<sup>a</sup> Rocco De Fazio,<sup>b</sup> Eva Buiatti,<sup>c</sup> Davide Truffelli,<sup>d</sup> Francesca Zanardi,<sup>d</sup>  
Stefania Curti,<sup>a</sup> Robin M. T. Cooke,<sup>a</sup> Alberto Baldasseroni,<sup>c</sup> Barbara Miglietta,<sup>d</sup> Roberta Bonfiglioli,<sup>a</sup>  
Giorgio Tassinari,<sup>b</sup> and Francesco S. Violante<sup>a</sup>

*Epidemiology* • Volume 19, Number 6, November 2008

## Heavy lifting at work and risk of retinal detachment: a population-based register study in Denmark

Stefania Curti,<sup>1</sup> David Coggon,<sup>2</sup> Harald Hannerz,<sup>3</sup> Stefano Mattioli<sup>1</sup>  
*Occup Environ Med* 2016;**73**:51–55.

## Risk Factors for Retinal Detachment A Case–Control Study

David Kriebel, ScD, Susan R. Sama, ScD, Michael Bradbury, MD, Bryan Buchholz, PhD, Stefania Curti, PhD,  
Bradley Daines, MD, Kathryn Deliso, OD, Rebecca DeVries, ScD, Tara Fleckner, MPH, Rebecca Gore, PhD,  
Stefano Mattioli, MD, Chirag Shah, MD, and David H. Wegman, MD

*JOEM* • Volume 62, Number 6, June 2020

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# Un percorso dall'epidemiologia...



Occupational exposure to asbestos and risk of cholangiocarcinoma: a population-based case-control study in four Nordic countries

Andrea Farioli,<sup>1</sup> Kurt Straif,<sup>2</sup> Giovanni Brandi,<sup>3,4</sup> Stefania Curti,<sup>1</sup> Kristina Kjaerheim,<sup>5</sup> Jan Ivar Martinsen,<sup>5</sup> Pär Sørensen,<sup>6</sup> Laufey Tryggvadóttir,<sup>7,8</sup> Elisabete Weiderpass,<sup>5,6,9,10</sup> Guido Biasco,<sup>3,4</sup> Francesco Saverio Violante,<sup>1</sup> Stefano Mattioli,<sup>1</sup> Eero Pukkala<sup>11,12</sup>

*Occup Environ Med* 2018;**75**:191–198.

**Asbestos: a hidden player behind the cholangiocarcinoma increase? Findings from a case-control analysis**

Giovanni Brandi · Stefania Di Girolamo · Andrea Farioli · Francesco de Rosa · Stefania Curti · Antonio Daniele Pinna · Giorgio Ercolani · Francesco Saverio Violante · Guido Biasco · Stefano Mattioli

*Cancer Causes Control* (2013) 24:911–918

Carcinoma of the Pharynx and Tonsils in an Occupational Cohort of Asphalt Workers

Francesca Zanardi,<sup>a</sup> Renata Salvarani,<sup>b</sup> Robin M.T. Cooke,<sup>a</sup> Roberta Pirastu,<sup>c</sup> Michela Baccini,<sup>d</sup> David Christiani,<sup>e</sup> Stefania Curti,<sup>a</sup> Alessandro Risi,<sup>f</sup> Anna Barbieri,<sup>a</sup> Giuseppe Barbieri,<sup>b</sup> Stefano Mattioli,<sup>a</sup> and Francesco Saverio Violante<sup>a</sup>

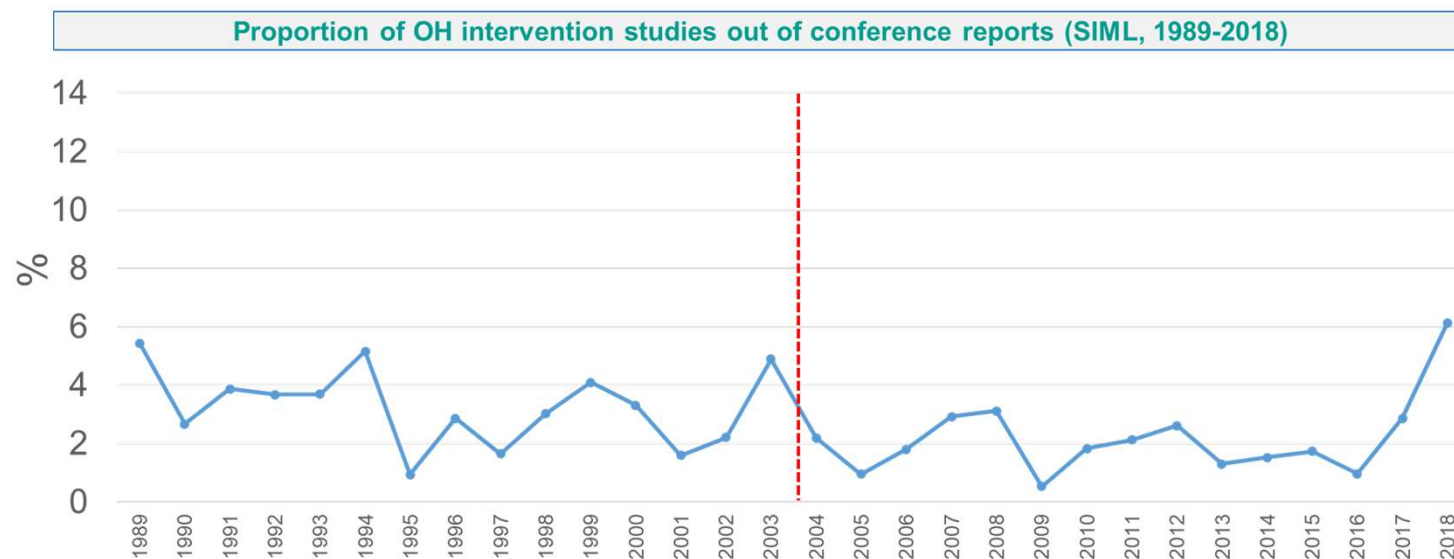
*Epidemiology* • Volume 24, Number 1, January 2013

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# ...alle prove di efficacia in Medicina del Lavoro



Curti et al. Saf Health Work 2022;13:S112.

Corso EBP  
Imola

Convegno EBP  
Firenze

Sessione EBP  
SIML Padova

2004

2008

2017

2022

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Prevention of work related eye injuries: long term assessment of the effectiveness of a multicomponent intervention among metal workers

G Mancini, A Baldasseroni, G Laffi, S Curti, S Mattioli, F S Violante  
*Occup Environ Med* 2005;**62**:830–835.

Effectiveness of an ergonomic intervention on work-related posture and low back pain in video display terminal operators: A 3 year cross-over trial☆☆☆

Paolo Pillastrini<sup>a,\*</sup>, Raffaele Mugnai<sup>a</sup>, Lucia Bertozzi<sup>a</sup>, Stefania Costi<sup>b</sup>, Stefania Curti<sup>a</sup>, Andrew Guccione<sup>c</sup>, Stefano Mattioli<sup>a</sup>, Francesco S. Violante<sup>a</sup>  
*Applied Ergonomics* 41 (2010) 436–443

Hidden effectiveness? Results of hand-searching Italian language journals for occupational health interventions

Stefano Mattioli,<sup>1</sup> Andrea Farioli,<sup>1</sup> Robin M T Cooke,<sup>1</sup> Alberto Baldasseroni,<sup>2</sup> Jani Ruotsalainen,<sup>3</sup> Donatella Placidi,<sup>4</sup> Stefania Curti,<sup>1</sup> Gianpiero Mancini,<sup>5</sup> Mauro Fierro,<sup>1</sup> Giuseppe Campo,<sup>6</sup> Francesca Zanardi,<sup>1</sup> Francesco S Violante<sup>1</sup>

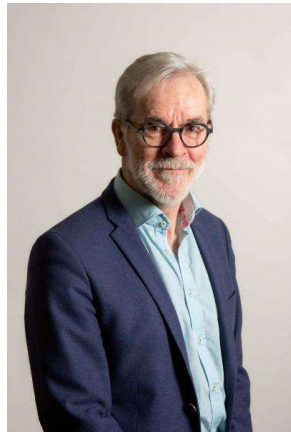
*Occup Environ Med* 2012;**69**:522–524.

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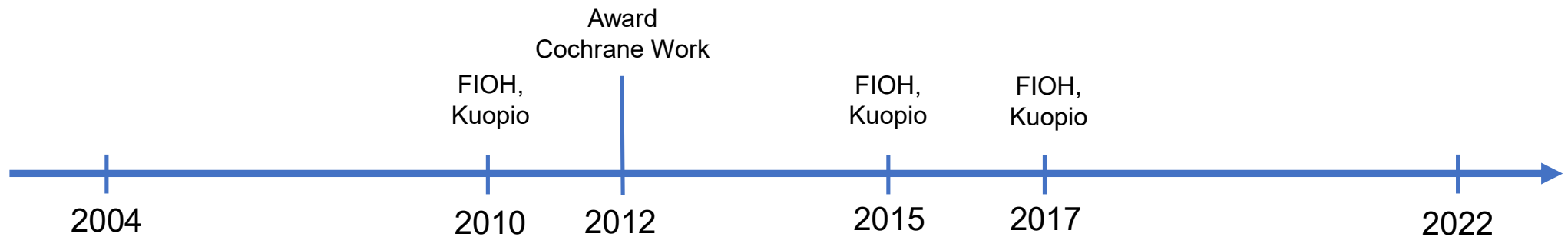
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Jos Verbeek



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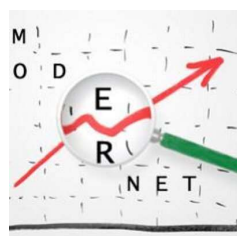
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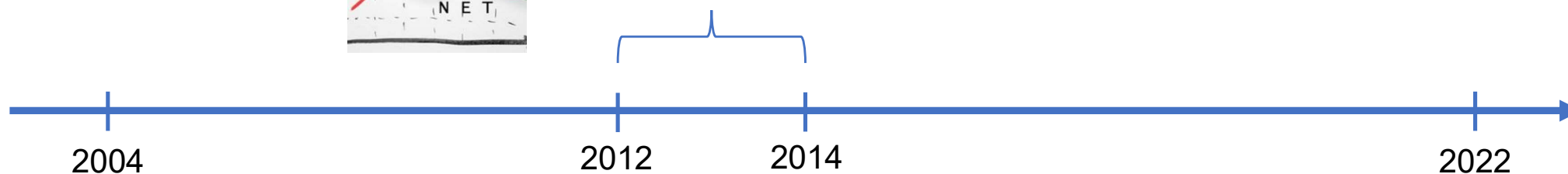
## Interventions to increase the reporting of occupational diseases by physicians

Stefania Curti<sup>1</sup>, Riitta Sauni<sup>2</sup>, Dick Spreeuwers<sup>3</sup>, Antoon De Schryver<sup>4</sup>, Madeleine Valenty<sup>5</sup>, Stéphanie Rivière<sup>5</sup>, Stefano Mattioli<sup>1</sup>

*Cochrane Database of Systematic Reviews* 2015, Issue 3. Art. No.: CD010305.



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**Table 2.** Number and proportion of retrieved citations and estimated number of pertinent citations by decade.

		1970-1979	1980-1989	1990-1999	2000-2009	2010-2019
PubMed citations, n		2,458,012	3,330,441	4,440,722	6,529,127	10,600,966
OH citations, n (% of PubMed citations)	<i>retrieved</i>	23,996 (1.0)	32,099 (1.0)	38,352 (0.9)	44,790 (0.7)	54,837 (0.5)
	<i>estimated</i>	15,117 (0.6)	20,222 (0.6)	24,162 (0.5)	28,218 (0.4)	34,547 (0.3)
OH preventive interventions, n (% of OH citations)	<i>retrieved</i>	3,081 (12.8)	5,323 (16.6)	7,359 (19.2)	9,297 (20.7)	9,521 (17.4)
	<i>estimated</i>	986 (6.5)	1,456 (7.2)	2,944 (12.2)	2,603 (9.2)	3,428 (9.9)
OH preventive interventions likely to be RCTs, n (% of OH preventive interventions)	<i>retrieved</i>	33 (1.1)	54 (1.0)	214 (2.9)	451 (4.8)	712 (7.5)
	<i>estimated</i>	6 (0.6)	16 (1.1)	75 (2.5)	149 (5.7)	370 (10.8)
Systematic reviews of OH preventive interventions, n	<i>retrieved</i>	0	0	5	88	244
	<i>estimated</i>	0	0	4	50	120

Mattioli S, Verbeek J, Mattei S, Curti S. Effectiveness of preventive interventions and Randomised Controlled Trials in Occupational Health: an overview of the last five decades. *Med Lav.* 2021 Aug 26;112(4):258-263.

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## Search strings for the study of putative occupational determinants of disease

Stefano Mattioli,<sup>1</sup> Francesca Zanardi,<sup>1</sup> Alberto Baldasseroni,<sup>2</sup> Frederieke Schaafsma,<sup>3</sup>  
Robin MT Cooke,<sup>1</sup> Gianpiero Mancini,<sup>4</sup> Mauro Fierro,<sup>1</sup> Chiara Santangelo,<sup>1</sup>  
Andrea Farioli,<sup>1</sup> Serenella Fucksia,<sup>1</sup> Stefania Curti,<sup>1</sup> Francesco S Violante,<sup>1</sup>  
Jos Verbeek<sup>5</sup>

*Occup Environ Med* 2010;**67**:436–443.

## PubMed search filters for the study of putative outdoor air pollution determinants of disease

Stefania Curti,<sup>1</sup> Davide Gori,<sup>2</sup> Valentina Di Gregori,<sup>2</sup> Andrea Farioli,<sup>1</sup>  
Alberto Baldasseroni,<sup>3</sup> Maria Pia Fantini,<sup>2</sup> David C Christiani,<sup>4</sup>  
Francesco S Violante,<sup>1</sup> Stefano Mattioli<sup>1</sup>

*BMJ Open* 2016;**6**:e013092.

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## International Commission on Occupational Health

*Founded in 1906 as Permanent Commission*

Effectiveness in Occupational Health  
Services (EOHS)

Joint meeting di EOHS e SCOM  
Congresso SIML – Bologna

Joint meeting di  
EOHS e Radiation  
and Work – Helsinki

OCCUCON  
2020 - Mumbai

Chair EOHS



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Diagnostic criteria for musculoskeletal disorders for use in occupational healthcare or research: a scoping review of consensus- and synthesised-based case definitions

Henk F. van der Molen<sup>1\*</sup>, Steven Visser<sup>1</sup>, Jose Hernán Alfonso<sup>2</sup>, Stefania Curti<sup>3</sup>, Stefano Mattioli<sup>3</sup>, David Rempel<sup>4</sup>, Yves Roquelaure<sup>5</sup>, P. Paul F. M. Kuijer<sup>1</sup> and Sietske J. Tamminga<sup>1</sup>

*BMC Musculoskeletal Disorders* (2021) 22:169

Towards harmonisation of case definitions for eight work-related musculoskeletal disorders - an international multi-disciplinary Delphi study

Sietske J. Tamminga<sup>1\*</sup>, P. Paul F. M. Kuijer<sup>1</sup>, Kathryn Badarin<sup>2</sup>, Jose Hernán Alfonso<sup>3</sup>, Joana Amaro<sup>4</sup>, Stefania Curti<sup>5</sup>, Irina Guseva Canu<sup>6</sup>, Stefano Mattioli<sup>5</sup>, Ingrid S. Mehlum<sup>3,7</sup>, David Rempel<sup>8</sup>, Yves Roquelaure<sup>9</sup>, Steven Visser<sup>1</sup> and Henk F. van der Molen<sup>1</sup>

*BMC Musculoskeletal Disorders* (2021) 22:1018



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Quando le tue gambe sono stanche, cammina con il cuore  
(Paulo Coelho)

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