

Methods: Four electronic databases (Medline, Cochrane library, Healthstar and Embase) and bibliographies of related papers were searched for published English language studies; experts and pharmaceutical companies were consulted for additional information. A key endocrinology journal was hand searched for relevant studies. The outcome for the review was quality of life measures. Randomised controlled trials (RCTs) were selected. The quality of studies was assessed using standard methods for evaluating internal validity. Applying inclusion criteria, data extraction and quality assessment were undertaken independently by two reviewers, with any differences resolved through discussion.

Results: 17 RCTs met the inclusion criteria of the review. These were of variable quality, with most trials receiving Jadad quality scores of 2/5 or 3/5. Quality of life was reported using a variety of measurement scales. Seven studies provide data that could be meta-analysed. Evidence suggests that growth hormone may improve quality of life, although most change scores are modest and few are statistically significant. Meta-analysis showed in favour of growth hormone on the Nottingham Health Profile social isolation dimension (statistically significant). Adverse event data show that there is an increase in reports of oedema and arthralgia in growth hormone treated groups compared with control groups.

Discussion/Conclusions: Interpretation of results from generic quality of life measures is difficult in terms of meaningfulness to growth hormone deficient adults. Further well-designed RCTs are needed, that use validated outcome measures specific to growth hormone deficiency and are stratified for relevant subgroups. Research is also required to develop methods to determine the meaning of change in quality of life scores. *Poster session 'PHA – HTAs of pharmaceuticals': Wednesday, June 12*

Occurrence variations and appropriateness of use of colonoscopy for early colorectal cancer case-finding in asymptomatic patients: a European multicenter study

Burnand, Bernard¹; Wietlisbach, Vincent¹; Vader, John-Paul¹; Froehlich, Florian²; Gonvers, Jean-Jacques²
¹IUMSP, Bugnon 17, Lausanne, Bernard.Burnand@hospvd.ch; Vincent.Wietlisbach@hospvd.ch; John-Paul.Vader@inst.hospvd.ch; ²University Medical Outpatient Clinic, César-Roux 19, Lausanne, florian.froehlich@bluewin.ch; Jean-Jacques.Gonvers@inst.hospvd.ch

Background/Objectives: The effectiveness of colonoscopy when used for screening for colorectal cancer (CRC) in asymptomatic individuals has not to date been formally assessed. This study examined the occurrence, variations and appropriateness of use of colonoscopy for early CRC case-finding in individual patients internationally.

Methods: In consecutive patients referred for colonoscopy in 21 centers (11 European countries) in 2001, indication for colonoscopy and its appropriateness according to criteria developed by a European panel using the RAND method (www.epage.ch), endoscopic diagnosis, histology and demographic data were prospectively collected. Use of colonoscopy for case-finding (screening) in asymptomatic patients only (i.e. no previous history of a polyp or CRC, no recent positive barium enema or sigmoidoscopy).

Results: 551/4,890 (11%) colonoscopies were performed for early CRC case-finding in asymptomatic patients (mean age 53.9 ± 13.0; 48% male). The proportion of colonoscopies performed for CRC screening varied by up to 10-fold between centers internationally (2–20%) and within the same country (4–20%). Variations between centers and countries were smaller (2.5 fold; 15%–38%) when indications for CRC screening were combined with relatively vague indications for colonoscopy ('abdominal pain' and 'change in bowel habits'). On average, colonoscopy for screening for CRC in asymptomatic patients was appropriate in 21% of cases (varying from 7% to 53% between centers), uncertain in 59% and inappropriate in 20%. In patients at low CRC risk, the indication was almost never appropriate. Four cancer cases (1%) were discovered, while polyps were found in 29% of these 551 patients (17% of polyps > 10 mm).

Discussion/Conclusions: In about 1/10 of nearly 5,000 colonoscopies, the indication was that of CRC screening in an asymptomatic patient. Wide variation between centers in the occurrence and appropriateness of screening colonoscopy was observed. One-fifth of screening colonoscopies only were deemed appropriate because the EPAGE panel considered that colonoscopy was appropriate only in patients at clearly-increased risk for CRC. SNF No. 3200-057244.99 / EPAGE collaborative study.

Oral session 'VI – Appropriateness': Monday, June 10, 11–12.30 a.m.

The Challenge of Collaboration

Proceedings

of the 18th Annual Meeting
of the International Society
of Technology Assessment in
Health Care

Satellite Symposium
Clinical Practice Guidelines
2002

Berlin 2002

URBAN & FISCHER

Editor

Verein zur Förderung der Technologiebewertung im Gesundheitswesen (Health Technology Assessment) e.V., Berlin

Printed with the Support of the Austrian Federal Ministry of Social Security and Generations

Verlag

Urban & Fischer Verlag GmbH & Co. KG,
Niederlassung Jena,
Löbdergraben 14 a, 07743 Jena

Die Deutsche Bibliothek – CIP-Einheitsaufnahme

The challenge of collaboration : 18th annual meeting of the International Society of Technology Assessment in Health Care – ISTAHC 2002 ; abstracts / Verein zur Förderung der Technologiebewertung im Gesundheitswesen e.V. – München ; Jena : Urban und Fischer, 2002
ISBN 3-437-31186-7

© 2002 Urban & Fischer Verlag

Das Werk einschließlich aller seiner Teile ist urheberrechtlich geschützt. Jede Verwertung außerhalb der engen Grenzen des Urheberrechtsgesetzes ist ohne Zustimmung des Verlages unzulässig und strafbar. Das gilt insbesondere für Vervielfältigungen, Übersetzungen, Mikroverfilmung und die Einspeicherung und Verarbeitung in elektronischen Systemen.

Titelfoto: Harms Zoosten, BTM, Berlin

Umschlaggestaltung: Dietmar Schonert, Berlin

Lothar Jähnichen, Urban & Fischer Verlag GmbH & Co. KG, Jena

Satz: SatzReproService GmbH JENA

Druck, Bindung: druckhaus köthen GmbH

Printed in Germany

ISSN 1619-9227

ISBN 3-437-31186-7

Annu. Meet. Int. Soc. Technol. Assess. Health Care

The Challenge of Collaboration

Proceedings

of the 18th Annual Meeting
of the International Society
of Technology Assessment in
Health Care (ISTAHC)



Hotel Intercontinental Berlin
June 9-12, 2002

Satellite Symposium
Clinical Practice Guidelines
2002 (CPG 2002)



Kaiserin-Friedrich-Haus Berlin
June 7-8, 2002

Printed with the support of the Austrian
Federal Ministry of Social Security and
Generations

URBAN & FISCHER

Contents

Foreword	6
Situation of HTA in the German speaking countries	7
Health Technology Assessment in Austria.....	7
Health Technology Assessment in Germany.....	9
Health Technology Assessment in Luxembourg.....	10
Health Technology Assessment in Switzerland.....	11
Committee Members	13
Abstracts of ISTAHC Conference 2002	14
Satellite Symposium: Clinical Practice Guidelines 2002	233
Sponsors and Co-sponsors.....	233
Speakers, Chairpersons & Committee Members.....	234
Abstracts of CPG2002 Satellite Symposium.....	235
Index of authors	246

Index of Authors

- Aalto, Anna-Mari 220
 Abad, Agueda 74
 Abraham, Didi 14
 Acuin, Jose M. 14
 Ahovuuo-Saloranta, Anneli . 96
 Aidelsburger, Pamela . . . 15
 Akehurst, Ron 45
 Al, Maiwenn 178
 Almazán, Cari 16, 22
 Almeida, Rosimary . . 16, 100
 Amate, José M. 17, 18
 Amiet, Marianne 142
 Ampe, Jan 110
 Ancona, C. 174
 Anderson, Jeremy . . . 58, 216
 Antes, Gerd 61
 Araujo Flores, Rosario . . 215
 Arcà, M. 174
 Arnould, Benoit 192
 Arnulfo, Alberto 154
 Arons, Raymond R. 217
 Aróstegi, Inmaculada . . 66, 67
 Artiles, Justo 18
 Asensio, Cristina 169
 Asua, J. 60
 Asua, José 19, 20, 135
 Aus der Au, Christina . . . 68
 Aveyard, Paul 191
 Axelsson, Susanna . . . 20, 21
 Aymerich, Marta 22, 155
 Azkarate, Jesus 66

 Babidge, Wendy 23, 130
 Baffert, Sandrine
 24, 25, 69, 206
 Bagnall, Anne-Marie 25
 Baj, Germano 154
 Bakketeig, Leiv 62
 Bala, Malgorzata 26, 117
 Baldamus, F. 49
 Baldomero, Helen 97
 Baldwin, Mike 33
 Balshaw, Robert 50
 Bañales, Eva 135
 Banerjee, Srabani 27
 Banken, Reiner 27
 Banz, Kurt 28
 Barbieri, Marco 58, 197
 Barenys, Merce 74

 Barry, Jean-Cyriaque 114
 Barton, Pelham 191
 Bassett, Ken 99
 Bataillard, Anne 28, 81
 Battles, James B. 29
 Beame, Andy 33
 Beck, Konstantin 86
 Beersen, Nicoline 29, 166
 Behrens, Monika 119
 Bekhof, J. 64
 Bell-Syer, Sally 205
 Bellucci, Sergio 30
 Bergemann, Rito 31, 146
 Bergström, Jan 21
 Bernath, Vivienne 51
 Bernfort, L. 122
 Bernstein, Steven 31
 Berry, Elizabeth 58
 Beverley, Catherine 158
 Bilbao, Amaya 66, 67
 Birch, Steve 178
 Bjerklund Johansen, T.E . 101
 Blanc-Vincent, Marie-Pierre . .
 81
 Blanquet, Patricia 214
 Blázquez Molera 134
 Blom, Åsa 108
 Bloom, Bernard 32
 Bona, Felice 217, 223
 Borch-Johnsen, Knut . . . 103
 Borgards, Frank 213
 Borre Jacobsen, Rikke . 32, 138
 Bose, Uday 33
 Boucher, Michel 34
 Bouffioux, Christian 110
 Boulton, Maggi 130
 Boulton, Adrian 200
 Bourek, Ales 34
 Bousema, Mente T. 177
 Bouza, Carmen 17, 18
 Brady, Bruce 35, 36, 37
 Brandtmüller, Agnes 62
 Brazier, John 204
 Bridges, John 37, 38
 Briones, Eduardo 38, 39
 Britten, Nicky 155, 156
 Britton, Mona 40
 Bronkhorst, Ewald M. . . . 14
 Brook, Robert 31

 Brookes, Sara 40, 158
 Brorsson B 170
 Brorsson, Bengt 31
 Brouwer, Werner 196
 Brouwers, Melissa 235
 Browman, George 235
 Brown, Allan 34, 41
 Brown, Murray 101
 Brüggjenjürgen, Bernd . . . 41
 Brundage, MD 70
 Bryan, Stirling 126, 200
 Bryant, Jackie 42
 Burgers, Jako 239
 Burke, Mary 65
 Burls, Amanda 200
 Burnand, Bernard
 43, 44, 209, 211, 235
 Burrows, Elizabeth . . 104, 216
 Buskens, Erik 177
 Busschbach, Jan 44, 196
 Busse, Reinhard 9
 Bustamante, Ricardo 45
 Bütschi, Danielle 30
 Buxton, Martin J. 126
 Bylund Grenklo, Tove . . . 46
 Byrne, Margaret 197
 Byszewski, Anna 83

 Cairns, John 180
 Calvert, Neill 45
 Cameron, David 235
 Carande-Kulis, Vilma G.
 55, 190
 Cardiel, Enrique 213
 Carlsson, Eric 149
 Carlsson, Per 46, 179, 189
 Caro, J. Jaime 46, 47
 Carrel, Thierry 31
 Carrere, Marie Odile 166
 Carretier, Julien 28, 48
 Catananti, Cesare 131, 153
 Catto, Jim 45
 Cave, Carolyn 42
 Celik, Ilhan 243
 Chancellor, Jeremy 49
 Chao, Te-Hsin 125
 Chapuis, B. 97
 Charpentier, Emmanuel
 24, 69, 206

- Chase, Debbie 42
 Cherner, Michael . . 118, 190
 Chhartre, S. 32
 Chilcott, Jim 50
 Choe, Julie C. 216, 217
 Chong, Winston 58
 Christensen, Torsten L. . . 75
 Chue, Pierre 50
 Chvetzoff, Gisèle 166
 Cicchetti, Americo . . 131, 153
 Clausen, Christian 51
 Clavisi, Ornella 51, 04
 Cluzeau, Françoise 236
 Coburn, Damian 52, 130
 Cohen, David J. 186
 Coleman, Patricia . . . 53, 203
 Connolly, Stuart 148
 Cooper, Nicola 50
 Corabian, Paula . . . 54, 89, 144
 Corso, Phaedra 55, 190
 Corzilius, Michael 55
 Cosialls, D. 56
 Costa, Giuseppe 159
 Coulter, Angela 109
 Coulter, Ian 56
 Cranney, Ann 83
 Creamer, Paul 40
 Csaba, Dózsa 57
 Cubbin, Sally 222
 Cvorissec, Dubravka 193
- Dahl, Benny 75
 Dahl, O. 101
 Dalziel, Kim 58, 194
 Daschner, Franz 61
 Dauben, Hans Peter 231
 Daucourt, Valentin 173
 Davenport, Clare 200
 Davey Smith, George 158
 Davies, Adrian 199
 Davies, Linda 58
 Davis A 170
 de Bruijn, J.H.B. 29
 De Bruin, Simone 163
 De Carlos, Yolanda 135
 de Jong, C.A.J. 115
 De la Fuente, Juan 18
 De la Mora, Silvia 214
 De las Cuevas, Carlos . . 18, 60
 de Pouvourville, N. 32
 Decker, Michael 59
- Deeks, Jon 140
 Dekkers, Monique 166
 Del Llano Señarís, Juan 60, 134
 Delavigne, Valérie 48
 Denis, Jean-Louis 198
 Denton, Margaret 72
 Dettenkofer, Markus 61
 Devaux, Yves 166
 Dhenain, Muriel 61
 Dieppe, Paul 40, 228
 Dijkstra, Rob 241
 Dintsios, C.M. 76, 87
 Donovan, Jenny 228
 Dosquet, Patrice 153
 Douw, Karla 62, 189
 Dozsa, Csaba 62
 Dretzke, Janine 201
 Droste, Sigrid 63, 76
 Drummond, Michael 49, 64, 197
 Dubiel, Bozena 117
 Duizendstraal, Anton 64
 Dunn, Terry 65
 Duprat-Lomon, I. 49
 Duque Gonzalez, B. 180
 Durieux, Pierre 237
 Duru, Gerard 192
- Eccles, Martin 238, 241
 Edliner, Catherine 24
 Egger, Matthias 158
 Egnér, Amanda 160
 Ekberg, Kerstin 149
 Ekholm, Ola 103
 Ekkernkamp, Monika 128
 Elley, Karen 200
 Emslie, Margaret 70
 Enachescu, Dan 144
 Engberg, Marianne 120
 Engel, Gerard 65
 Eriksen, Jørgen 103
 Escobar, Antonio 66, 67
 Espallargues, Mireia . . . 16, 67
 Estrada, Dolores 16, 22
 Euler, U. 41
 Everhard, Francois 47
- Facey, Karen 68
 Faisst, Karin 68
 Farquhar, Cynthia 238
- Fautrel, Bruno 171
 Fay, Anne-Florence 24, 69, 206
 Featherstone, Cornelia 70
 Feder, Gene 239
 Feeny, David 72
 Felder, Stefan . . . 15, 150, 151
 Feldman-Stewart, Deb 70
 Felling, Albert J.A. 14
 Fendrick, A. Mark 118
 Fennessy, Paul 58, 216
 Fernández-Ruanova, Begonia 135
 Ferrer García, R. 127
 Fervers, Béatrice 28, 48, 81, 239
 Fery-Lemonnier, Elisabeth 24, 25, 69, 206
 Finlayson, Greg 101
 Fisher, Andrea 136
 Fitter, Mike 202, 204
 Floderus, Birgitta 21
 Foerster, Vicki 35, 71
 Folkersen, Jørgen 75
 Frank, Wilhelm 105
 Fraser, C 241
 Frinking, Erik 211
 Froehlich, Florian . . . 43, 44, 209
 Fry-Smith, Anne 202
 Furlong, William 72
 Furnari, Giacomo 153
 Fusco, D. 174
- Gabbay, John 62
 Gadelha, Maria Inez 16
 Gafni, Amiram 178
 Gallo, P. 72
 Garces, Kirsten 73
 Garcia de Dueñas, Lucia 175, 176
 Garcia-Altes, Anna 74
 Gargiulo, Lidia 159
 Gault, Caroline 70
 Gehrchen, P. Martin 75
 Gênova, Rafael 16
 Geraedts, Max 75
 Gerhardus, Ansgar 63, 76, 77, 87
 Gerlach, Klaus Louis . . . 150, 151
 German Scientific Working
 Group Technology Assess-
 ment for Health Care . . 157

- Gernreich, Nils C. 76, 77
 Getsios, Denis 46
 Gevers, Sjef 240
 Gharagebakyan, Gayane 78
 Gibis, Bernhard
 78, 79, 168, 185
 Gnavi, Roberto 159
 Godden, David 70
 Goertz, Anita 28, 192
 Goldberg, James 145, 168
 Goldie, Sue J. 185
 Goldsmith, Charles 72
 Gómez, Marival 169
 Gonvers, Jean-Jacques
 43, 44, 209
 Gonzalez, Jesus 133, 169
 Goodman, Clifford 80
 Goodwin, James 202
 Gorgojo, Lydia 133
 Gory-Delabaere, Guillaume
 81
 Gothe, Holger 87
 Grabowski, Jacek 81
 Graf von der Schulenburg,
 J.-M. 187
 Graff Zivin, Joshua 37
 Graham, Ian 83, 235
 Gratwohl, Alois 97
 Green, Carolyn 83
 Greenberg, Dan 84
 Greiner, Wolfgang 185, 187
 Grill, Eva 85, 94
 Grimshaw, Jeremy 238, 241
 Grobbee, Diederick E. 177
 Groen, Harry 162, 193
 Groen, Henk 86, 162
 Gruger, Jens 47
 Güenaga, J.I. 67
 Guillamón, Imma 22
 Guillo, Sylvie 81
 Guo, Amy 181
 Gürtner, Felix 86
 Gutiérrez Iglesias, M^a Asun 19
 Gutiérrez-Ibarluzea, Ifiaki 19
 Gutzwiller, Felix 68

 Haalboom, Jeen R.E. 177
 Hagen, Anja 87
 Hagenmeyer, Ernst-Günther
 87, 91
 Hailey, David 88, 89, 90, 121
 Hamashima, Chisato 90
 Hamdy, Freddie 45
 Hammersjö, Jan-Åke 149
 Hanna, Steven 235
 Hansen, Allan 111
 Hardy, Mary 56
 Harstall, Christa 54, 91, 204
 Harteloh, P.P.M. 29
 Hass, Ursula 168
 Häussler, Bertram 87, 91
 Hawker, Jeremy 202
 Hayman, James 118
 Heikkilä, R. 101
 Hellbom, Gunn 92
 Helmer, Diane 83
 Helou, Antonius 93
 Hemmer, Claude 10
 Hemminki, Elina 98
 Hennen, Leonhard 93
 Henriksson, Martin 94, 179
 Hense, Hans-Werner 171
 Hermosilla-Gago, Teresa 38
 Hernandez, Beatriz 213
 Hessel, Franz 85, 94, 95
 Hetnal, Marcin 95, 108
 Hiiri, Anne 96
 Hill, Andrew 136
 Hivon, Myriam 198
 Ho, Chuong 41
 Hoarau, Hélène 48
 Hoeksema, Jetty L. 129
 Hoffmann, Barbara 142
 Høisæter, P.A. 101
 Holbach, Gérard 10
 Holly, Alberto 218
 Hooymans, Anneke 214
 Horisberger, Bruno 97, 221
 Horn, Michael 173
 Horne, Jane 194
 Hovi, Sirpa-Liisa 98
 Hude, Dominique 223
 Husereau, Donald
 36, 37, 73, 98, 99
 Hutchings, Adam 33
 Hutchinson, Angela 55, 190
 Hwang, Matthew W. 216
 Hyde, Chris 140, 191

 Ibsen, Hans 103
 Ichinose, Roberto Macoto 100
 IJzerman, Maarten 100
 Inokuchi, T. 208
 Ishak, Khajak 46
 Izgum, V. 193

 Jackson, Terri 52
 Jacobs, Philip 101
 Jakobsen, Steen 111
 Jankauskiene, Danguole 102
 Janzon, Magnus 94, 122
 Jausoro, Ainhua 20
 Jayadevappa, R. 32
 Jenner, JA 193
 Jensen, Allan 151
 Jensen, Leif Panduro 111
 Jensen, Marianne Kjettrup 103
 Jöckel, Karl-Heinz 142
 Joergensen, Torben
 103, 104, 225
 Johansson, Calle 149
 Johnston, Renea 104
 Jonas, Susanna 105
 Jones, Lisa 25, 228
 Jonsson, Dick 149
 José Antonio 134
 Jose M. 147
 Jovell, Albert J. 22, 241
 Joyce, Janet 106
 Just, Paul 181
 Juzwishin, Don
 106, 121, 144, 204

 Kahan, James 210, 211
 Kalo, Isuf 107
 Kaló, Zoltán 91
 Karilberg, Ingvar 108
 Karttunen, Tiina 98
 Kawalec, Pawel 108, 227
 Kazanjian, Arminée 83
 Kearney, Brendon 109
 Keely, Erin 34
 Kelly, Steven 58
 Kennedy, Andrew 109
 Kephart, George 110
 Kesteloot, Katrien 110
 Kiær, Thomas 75
 Kidholm, Kristian 111
 Kinsbergen, Jacques 112
 Kjønniksen, Inge 116
 Klaus, Volker 113
 Klazinga, Niek 29, 166, 242
 Kleijnen, Jos 25, 197

- Klepp, O. 101
 Klose, Thomas 28
 Koch, Pedro 142, 232
 Koenig, Hans-Helmut 114
 Koëter, Gerard 86
 Kollek, Regine 63
 Koller, Michael 243
 Kondo, Ikeda, S, T. 208
 Kopp, Ina 243
 Kosseim, Patricia 115
 Krabbe, Paul F.M. 115
 Krahn, Murray 130
 Kramer, Henk 162
 Krauth, Christian 87
 Kreusert, Achim 172
 Kreuter, Margaretha 108
 Kristiansen, Ivar Sonbo 116
 Krummel, Thomas M. 160
 Kujansuu, Erkki 220
 Kuntz, Karen K. 186
 Kunze, Silke 94

 La Framboise, David 117
 Labinaz, Marino 41
 Laczynska, Maja 117
 Landa, Katarzyna 26
 Landa, Krzysztof
 26, 34, 95, 108, 117, 225, 227
 Langa, Kenneth 118
 Lange, Werner 119
 Larsen, Ellen Louise 120
 Larsen, Torben 119
 Laurberg, Peter 104
 Lauritzen, Torsten 120
 Lavendelis, Eglis 120
 Lecheler, Josef 173
 Lee, Moo-Song 122
 Lee, Robert 121
 Lee, Sang-Il 122
 Lehmann, Nils 142
 Lehner, Giorgio 131
 Lehoux, Pascale 198
 Leichtnam, Line 48
 Leidl, Reiner 187
 Leogrande, Lorenzo 131
 Levin, Lars-Åke 94, 122
 Leys, Marc 110
 Leys, Mark 123, 124
 Leyvraz, Serge 223
 Lhermite, I. 124
 Liebl, Andreas 192

 Lilford, Richard J. 124
 Lim, Yean Leng 148
 Lin, Blossom Yen-Ju 125
 Lin, Daryl 50
 Lipp, Greg 201
 Loirat, P. 146
 Longson, Carole 125
 Longworth, Louise 126
 Lopez Bastida, J. 127
 Lopez-Argumedo, Marta 20
 Lopez-Bastida, J.H.B. 180
 Lorenz, Wilfried 243
 Loveman, Emma 42
 Lowe, J 70
 Lühmann, Dagmar 128
 Luengo, Setefilla 147
 Lyngge, Elsebeth 151
 Lyngstadaas, Anita 128

 Maas, Ingrid W.H.M. 129
 Macdonald, Natalie-Jane 222
 MacIntyre, Linda 194
 MacIennan, G 241
 MacPherson, Hugh 202, 204
 Maddern, Guy 23, 130
 Maetzel, Andreas 130
 Magliaccio-Walle, Kristen 46
 Mair, IWS 170
 Maiza 69
 Mak, Koon Hou 148
 Mäkelä, Marjukka 96, 243
 Mäki-Torkko E 170
 Man Son Hing, Malcolm 83
 Mañas, Arantxa 56
 Marchetti, Marco 131, 153
 Marchisio, Sara 154
 Marcin, Czech 132
 Mariotto, Aldo 132, 133
 Marshall, Deborah 121, 148
 Martin, Janet 41
 Martinez Cantarero, Jose F
 134
 Martínez-Ortega, Crescente
 135
 Martini, N 41
 Martín-Moreno, José Maria
 17, 18, 133, 147, 169
 Mather, Lisa 228
 Matillon, Y. 146
 Matowe, Lloyd 241
 Matthews, Brian 222

 Matuk Sariñana, Veronica
 214, 215
 Maxion-Bergemann, Stefanie
 31, 146
 McAuley, Laura 34, 136
 McCabe, Christopher 50, 125
 McDonnell, Joseph 44
 McGahan, Lynda 136, 137
 McGeer, Allison 36, 37
 McGregor, Maurice 137
 McIntyre, Linda 42
 Meldgaard, Mette B. 138
 Menke, D. 41
 Meyer, Victor Paul 139
 Mias, Montse 22
 Michel, Philippe 139, 173
 Milne, Ruairidh 42, 140
 Milosz, Marl 132
 Misselwitz, Björn 75
 Mitchell, Matthew 141
 Mitscherlich, Florian 142
 Mitzner, Steffen 95
 Miyakawa, Michiko 182
 Mkrtchyan, Ararat 78
 Moebus, Susanne 142
 Moga, Carmen 143, 144
 Moquet, M.J.
 61, 124, 145, 146, 168
 Morgan, Anne 45
 Moride, Yola 171
 Moriguchi, H. 208
 Morton, Sally 56
 Muehlberger, Nikolai 55
 Mueller, Elvira 146
 Muñoz, Ana 147
 Murtomaa, Heikki 96
 Myhre, Kurt I 147, 170

 Naglie, Gary 130
 Nashan, Björn 91
 Neiss, Albrecht 28
 Ng, Tze-Pin 148
 Nguyen, Van Hung 164
 Nichol, Graham 148
 Nichol, Jon 203
 Nielsen, Lill Moll 225
 Nies, Christoph 243
 Niti, Mathew 148
 Nizankowski, Rafael
 26, 95, 108, 117, 225, 227
 Njor, Sisse 151

- Noorani, Hussein 148
 Nordblad, Anne 96
 Norderhaug, Inger 101
 Nordfeldt, Sam 149
 Nordlund, Anders 149
- O'Brien, Bernie 148
 O'Hagan, Anthony 50
 O'Malley, Kimberly 197
 Oakley, Jeremy 195
 Oggier, Willy 86
 Olbrich, A. 150
 Olbrich, Anja 151
 Oliva, Glòria 16
 Oliver, Sandy 172
 Olsen, Anne-Helene 151
 Olsen, D. R. 101
 Ooi, Daylily 83
 Oortwijn, Wija 152
 Oradei, Marco 153
 Orvain, Jacques 153, 168
 Ostermann, Sandrine 223
 Ouwens, Jan Paul 86
 Ovesen, Lars 104
- Pachocki, Robert 132
 Packer, Claire 189
 Paisley, Suzy 158, 199
 Palma, Matilde 175, 176
 Panella, Massimiliano ... 154
 Parada, Antoni 155
 Parkes, Julie 140
 Parving, A 170
 Passweg, Jakob 97
 Paté-Cornell, M. Elisabeth 160
 Paterson, Charlotte
 40, 155, 156
 Pedersen, Beth Lilja 156
 Peeters, Joanna 113
 Perleth, Matthias
 9, 87, 157, 212, 229
 Perreault, Sylvie 171
 Perrild, Hans 104
 Perrin, Jean-Philippe .. 24, 25
 Persson, Jan 92, 168
 Peterburg, Yitzhak 84
 Peters, Jean 158
 Peters, Tim 158
 Petrelli, Alessio 159
 Pham, Elodie 192
 Philip, Thierry 48
- Phillips, Victoria 160
 Pietzsch, Jan Benjamin .. 160
 Pilati, Giovanni 133
 Piller, Otto 11
 Pinget, Christopher 218
 Pliskin, Joseph 84
 Plisko, Robert .. 95, 161, 227
 Podmokly, Agnieszka ... 162
 Pok-Lundquist, Judit 68
 Poley, Marten 196
 Polo, Mar 147
 Pope, Catherine 40
 Post, Wendy 162
 Potloot, Leen 123
 Prasad, Manishi 181
- Quak, Rianne 163, 211
 Quaye, Randolph 163
 Quintana, Jose Maria . 66, 67
- Rachet, Fatiha 164
 Raftery, James 191
 Rajendran, Meera 216
 Ramsay, Craig 241
 Rashidian, Arash 165
 Rasmussen, Niels Kristian 103
 Raspe, Heiner 128
 Ratcliffe, Julie 126
 Raulli, Alexandra ... 51, 104
 Ravens-Sieberer, Ulrike . 185
 Redekop, Ken 29, 166
 Regar, Evelyn 113
 Reitberger, Ursula 192
 Reiter, Anne 75
 Remonnay, Raphaël 166
 Reuzel, Robert 100, 167
 Richardson, Marsha 197
 Rief, Jana 95
 Rissanen, Pekka 220
 Roback, Kerstin 168
 Robin, S.H. Lee 168
 Rodriguez Canas, Nerea . 19
 Rodriguez Garrido, Manuel ..
 169
 Rodríguez Pérez, Pilar .. 134
 Roine, R 170
 Roine, Risto 170
 Romero Kobashi, Josefina
 Nina 213
 Romero, Juan J. 17, 18
 Ronen, Gabriel M 170
- Rosenbaum, Peter 170
 Rosendal, Henk 163
 Rosenhall U 170
 Rosery, Hubertus 171
 Rossignol, Michel 171
 Rota, Rosa 74
 Round, Alison 172
 Rovers, Maroeska 210
 Rovira, Mireia 56
 Royle, Jane 172
 Rueda, José Ramón 39
 Rufz Díaz, Miguel 134
 Rumeau-Pichon, Catherine ...
 153
 Runge, Claus 173
 Russell, Daphne 165
 Russell, Ian 165
 Rütter, Alric 231
- Sagnier, P-P. 49
 Saillour-Glenisson, Florence .
 173
 Sainte-Marie, Louis-Georges .
 171
 Saitto, Carlo 174
 Salcedo, Flavia 20
 Salmi, Louis Rachid 139
 Sampietro-Colom, Laura
 56, 67, 175
 Sánchez, Emilia 22
 Sánchez, Isabel 67
 Sarria, Antonio 175, 176
 Sassi, F. 127
 Saz, Zuleika 17, 18, 147
 Schaaf, Tjerk W. van der 177
 Schmetterer, Leopold ... 105
 Schmid, Caroline 97
 Schnell-Inderst, Petra . 85, 94
 Schoonhoven, Lisette ... 177
 Schumacher, Martin 61
 Schwarz, N. 150
 Schwarz, Nicole 151
 Scott, Ann 23
 Sculpher, Mark 109
 Seegers, Sabine 61
 Sendi, Pedram 178
 Sennfält, Karin 46, 179
 Serrano Aguilar, P. . 127, 180
 Serrano, Pedro 18
 Severens, Hans 100
 Severens, Johannes L. ... 14

- Seymour, Janelle 180
Shani, Segev 188
Sharplin, Peter 33
Shekelle, Paul 56, 238
Shih, Tina 181
Shimada, N. 208
Shirasaya, Koji 182
Shwayder, James 65
Siebert, Markus 182
Siebert, Uwe 55, 85,
. 113, 183, 184, 185, 186 187
Siebzeiner, Miriam 188
Siegbert, Rossol 185
Sigmund, Helga 188
Simonsen, Tom 225
Simpson, Sue 189
Singer, Mendel 38
Sitter, Helmut 243
Sjøgren, Per 103
Skaggs, David L. 216
Skidmore, Becky
..... 106, 136, 137, 189
Slavin, Mitchell 118
Slutsky, Jean PA 244
Smith, David 64
Smith, Dean 190
SMM expert group on ICD 147
Snyder, Susan 190
Song, Fujian 191
Sorri M 170
Souček, Julianne 197
Sowden, Amanda 228
Spannheimer, Andrea ... 192
Späth, Hans-Martin 192
Splawinski, Jacek 132
Sroczyński, Gaby 55, 183, 185
Stant, AD 193
Stavljenic Rukavina, Ana 193
Stein, Ken 194
Stellingwerf, Nynke ... 214
Steuten, Lotte 220
Stevenson, Matthew 158, 195
Stewart, David 27
Stillger, Rosi 75
Stilvén S 170
Stilvén, Staffan 195
Stolk, Elly 196
Stoykova, Boyka 197
Streiner, David 170
Stupp, Roger 223
Suarez-Almazor, Maria E. 197
Suchy Milos 34
Surico, Nicola 154
Svoboda Bohuslav 34
Swahn, E. 122
Sycha, Thomas 105
Szymczakiewicz-Multanowska,
Agnieszka 26
Tailliez, Stéphanie 198
Talavera Deniz, A. 180
Tappenden, Paul 50
Taylor, Kate 200
Taylor, Rod
..... 35, 199, 200, 201, 202
Ten Vergert, Elisabeth M.
..... 64, 86, 162, 193, 214
Teperi, Juha 220
Tews, Jan-Torsten 173
The Canadian Pediatric
Epilepsy Network 170
Thomas, Craig W. 55
Thomas, Kate
..... 53, 202, 203, 204
Thomas, Ruth 241
Thomeczek, C. 202
Thomsen, Janus Laust ... 120
Thomsen, Troels 103
Thornley, Richard 204
Thorpe, Lucy . . 202, 204, 205
Tiah, Djamel 24, 206
Tiemens, Bea 212
Tolo, Vernon 216
Took-Zozaya, Marc 70
Topfer, Leigh-Ann ... 89, 90
Törnqvist, Helene 46
Torrance, George 72
Trakas, Kostas 50
Trindade, E. 206
Troehler, Ulrich 245
Trofimovs, Igors 120
Truin, Gert-Jan 14
Tu, Shu-Min 125
Türp, Jens C. 207
Uemura, T. 208
Uphoff, Helmut 119
Urquia Plazaola, Anuntxi 19
Vader, John Paul ... 209 ...
..... 43, 44, 309, 211
Vale, L 241
Valera, Madeleine 14
Vallance-Owen, Andrew . 222
van Beekum, Taeke 163
van Beusekom, Ineke ... 210
van der Bij, Sjoukje 210
van der Bij, Wim 86
van der Sande, Rob 129
van der Wilt, Gert Jan
..... 152, 210
van het Loo, Mirjam 211
van Reeuwijk-Werkhorst,
Janneke 211
Van Rijn, R. 64
Van Spronsen, F.J. 64
van Straten, Annemieke . 212
Vannoni, Francesca 159
Vantaggiato, G. 174
Varenhorst, Eberhard ... 179
Vekstein, Daniel 84
Velasco-Garrido, Marcial
..... 76, 77, 212
Velazquez de Peynetti, Adriana
..... 214
Velazquez, Adriana 213
Vermeulen, Karin 214
Verstegen, Tamara 212
Victoria Jardón, Ana Maria ...
..... 214, 215
Villadsen, Ebbe 151
Villanueva, Elmer 216
Villegas, Roman 38, 39
Vitale, Michael G. ... 216, 217
Voigt, Kerstin 185
von Bremen, Konrade
..... 217, 218
Vondeling, Hindrik .. 62, 219
Vrijhoef, Bert 220
Vuorma, Sirkku 220
Waddell, Cam 121
Wæhre, H. 101
Wagner, Ulrich 97, 221
Wagner, Wendy 222
Waldegger, Lisa 83
Walker, Andrew 194
Ward, Alexandra 47
Warren, Virginia 222
Wasem, Jürgen
..... 15, 55, 85, 94, 95, 113, 187
Wasserfallen, Jean-Blaise
..... 217, 218, 223

- | | | | | | |
|--------------------------------|-------------|---------------------------------|---------|------------------------------|-----|
| Wattiaux, Marie-Jose . . . | 25 | Willich, S.N. | 41 | Xerri, Bertrand | 231 |
| Wcislo, Jacek | 225 | Willison, Donald J. | 226 | Yao, Yu | 125 |
| Weatherley-Jones, Elaine | 224 | Wilson, Jayne | 202 | Yee, Raymond | 148 |
| Weatherly, Helen | 64 | Windeler, Jürgen | 227 | Yeon-Soon, Cha | 122 |
| Weinberg, D. | 32 | Wisbaum, Wendy | 133 | Yoshida, Katsumi | 90 |
| Wensing, Michel | 241 | Wladysiuk-Blicharz, Magdalena | 227 | Young, Tracey | 126 |
| Werko, Lars | 31 | Woolacott, Nerys F | 228 | Youngho, Khang | 122 |
| Whitley, Elise | 158 | Woolf, Steven | 238 | Yutaka Yoshinaka, Yutaka | 51 |
| Whitty, Paula | 241 | Woolhead, Gillian | 228 | Zarnke, Kelly | 41 |
| Wickholm, Seppo | 21 | Wörz, Markus | 229 | Ziegler, Sandra | 227 |
| Wiersma, D | 193 | Wu, Chun-Ching | 125 | Zielhuis, Gerhard A. | 210 |
| Wietlisbach, Vincent | 43, 44, 209 | Würgler Hansen, Niels | 62, 229 | Züllig, Maya | 232 |
| Wild, Claudia | 7, 105 | Wutzler, Peter | 28 | | |
| Wilk, Norbert | 225 | | | | |
| Willaing, Ingrid | 225 | | | | |