Assistive technology to support deafblind and people with multiple disabilities
Studies by Lega del Filo d’Oro - a review (2001-2013)

Communication:

Technology-aided leisure and communication opportunities for two post-coma persons emerged from a minimally conscious state and affected by multiple disabilities / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Sigafoss, Jeff; Buonoconto, Francesca; Sacco, Valentina; Navarro, Jorge; Lanzilotti, Crocifissa; De Tommaso, Marina; Megna, Marisa; Oliva, Doretta - Research in Developmental Disabilities, 2013 34/2 - pp. 809-816

Two women with multiple disabilities communicate with distant partners via a special text messaging system / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Sigafoss, Jeff; Green, Vanessa A.; Oliva, Doretta; Alberti, Gloria; Carella, Luigina - Research in developmental disabilities, 2013. 34/1 - pp. 397-403

A technology-aided program to support leisure engagement and communication by a man with amyotrophic lateral sclerosis / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Ferlisi, Gabrielle; Blotta, Ida; Ricci, Irene; Spica, Antonella; Oliva, Doretta - Developmental Neurorehabilitation, 2012. 15/2 - pp. 149-153

Special text messaging communication system for persons with multiple disabilities / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Green, Vanessa A.; Oliva, Doretta; Buonocunto, Francesca; Colonna, Fabio; Navarro, Jorge - Developmental Neurorehabilitation, 2012. 15/1 - pp. 31-38

A technology-based programs to support forms of leisure engagement and communication for persons with multiple disabilities: two single-case studies / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Green, Vanessa; Oliva, Doretta; Buonocunto, Francesca; Sacco, Valentina; Biancardi, Emma M.; Di Nuovo, Santo - Developmental Neurorehabilitation, 2012. 15/3 - pp. 209-218

Technology-aided programs for assisting communication and leisure engagement of persons with amyotrophic lateral sclerosis: two single-case studies / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoss, Jeff; Ferlisi, Gabriele; Ferrarese, Giacomina; Zullo, Valeria; Addante, Luigi M.; Spica, Antonella; Oliva, Doretta - Research in developmental disabilities, 2012. 33/5 - pp. 1605-1614

Persons with Alzheimer’s disease make phone calls independently using a computer-aided telephone system / Perilli, Viviana; Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoss, Jeff; Cassano, Germana; Cordiano, Noemi; Pinto, Katia; Minervini, Mauro G.; Oliva, Doretta - Research in developmental disabilities, 2012. 33/4 - pp. 1014-1020

Two adults with multiple disabilities use a computer-aided telephone system to make phone calls independently / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Sigafoss, Jeff; Oliva, Doretta; Alberti, Gloria; Lang, Russell - Research in developmental disabilities, 2011. 32/6 - pp. 2330-2335

Communication opportunities via special messaging technology for two post-coma persons with multiple disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoss, Jeff; Buonocunto, Francesca; Sacco, Valentina; Colonna, Fabio; Navarro, Jorge; Lanzilotti, Crocifissa; Pace, Claudia; Megna, Marisa; Oliva, Doretta - Research in developmental disabilities, 2011. 32/5 - pp. 1703-1708
Enabling two women with blindness and additional disabilities to make phone calls independently via a computer-aided telephone system / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Oliva, Doretta - Developmental Neurorehabilitation, 2011. 14/5 - pp. 283-289

Microswitch and keyboard-emulator technology to facilitate the writing performance of persons with extensive motor disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafuos, Jeff; Green, Vanessa; Oliva, Doretta; Lang, Russell - Research in developmental disabilities, 2011. 32/2 - pp. 576-582

Technology-assisted writing opportunities for a man emerged from a minimally conscious state and affected by extensive motor disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Green, Vanessa; Oliva, Doretta; Buonocunto, Francesca; Belardinelli Olivetti, Marta - Developmental Neurorehabilitation, 2011. 14/2 - pp. 123-127

Technology-assisted opportunities for two persons emerged from a minimally conscious state and showing extensive motor disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Green, Vanessa; Oliva, Doretta; Megna, Marisa - Developmental Neurorehabilitation, 2011. 14/1 - pp. 8-14

Post-coma persons with motor and communication/consciousness impairments choose among environmental stimuli and request stimulus repetitions via assistive technology / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Buonocunto, Francesca; Sacco, Valentina; Colonna, Fabio; Navarro, Jorge; Oliva, Doretta; Megna, Gianfranco - Research in developmental disabilities, 2010. 31/3 - pp. 777-783

Use of microswitch technology and a keyboard emulator to support literacy performance of persons with extensive neuro-motor disabilities / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Green, Vanessa; Chiapparino, Claudia; De Pace, Claudia; Alberti, Gloria; Stasolla, Fabrizio - Developmental Neurorehabilitation, 2010. 13/4 - pp. 248-257

Persons with Multiple Disabilities Access Stimulation and Contact the Caregiver via Microswitch and VOCA Technology / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Sigafoos, Jeff; Chiapparino, Claudia; De Pace, Claudia; Alberti, Gloria; Stasolla, Fabrizio - Journal of visual impairment & blindness, 2009. 99/3 - pp. 179-182

Three persons with multiple disabilities accessing environmental stimuli and asking for social contact through microswitch and VOCA technology / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Sigafoos, Jeff; Oliva, Doretta; Severini, Laura - JIDR Journal of intellectual disability research, 2008. 52/4 - pp. 327-336

Using an optic sensor and a scanning keyboard emulator to facilitate writing by persons with pervasive motor disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Chiapparino, Claudia; Stasolla, Fabrizio; Oliva, Doretta - 2007. - pp. 593-603

Teaching yes and no responses to children with multiple disabilities through a program including microswitches linked to a vocal output device / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Oliva, Doretta; Baccani, Simona - Perceptual and Motor Skills, 2006. 102/1 - pp. 51-61

Enabling a girl with multiple disabilities to control her favorite stimuli through vocalization and a dual-microphone microswitch / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Oliva, Doretta; Groeneweg, Jop - Journal of visual impairment & blindness, 2005. 99/3 - pp. 179-182

A computer system serving as a microswitch for vocal utterances of persons with multiple disabilities: two case evaluations / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Oliva, Doretta; Montironi, Gianluigi - Journal of visual impairment & blindness, 2004. 98/2 - pp. 116-120

Evaluating a computer system used as a microswitch for word utterances of persons with multiple disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Oliva, Doretta; Montironi, Gianluigi - Disability and rehabilitation, 2004. 26/21-22 - pp. 1286-1290
Using computer system as microswitches for vocal utterances of persons with multiple disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Oliva, Doretta; Montironi, Gianluigi; Piazza, Francesco; Ciavattini, Emanuele - Research in Developmental Disabilities, 2004. 25/2 - pp. 183-192

A microswitch program including words and choice opportunities for students with multiple disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Oliva, Doretta - Perceptual and motor skills, 2004 98/1 - pp. 214-222


Adapting the use of microswitches to foster response awareness and word association: two case evaluations / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Oliva, Doretta; Dardanelli, Elisa; Pirani, Patrizia - Journal of positive behavior interventions JPBI, 2003. 5/3 - pp. 153-157

Using Simple Hand-Movement Responses with Optic Microswitches with Two Persons with Multiple Disabilities: Brief Report / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Oliva, Doretta; Baccani, Silvia; Canevaro, Andrea - Research and Practice for Persons with Severe Disabilities, 2002. 27/4 - pp. 276-279

Using a hand-tap response with a vibration microswitch with students with multiple disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Oliva, Doretta - Behavioural and Cognitive Psychotherapy, 2002. 30/2 - pp. 237-241

A microswitch for vocalization responses to foster environmental control in children with multiple disabilities / Lancioni, Giulio E.; O’Reilly, Mark F.; Oliva, Doretta; Coppa, Mauro M. - JIDR Journal of intellectual disability research, 2001. 45/3 - pp. 271-275

Using multiple microswitches to promote different responses in children with multiple disabilities / Lancioni, Giulio E.; O’Reilly, Mark F.; Oliva, Doretta; Coppa, Mauro M. - Research in developmental disabilities, 2001. 22/4 - pp. 309-318

Mobility - Environmental control – Autonomy:

New camera-based microswitch technology to monitor small head and mouth responses of children with multiple disabilities / Lancioni, Giulio E.; Bellini, Domenico; Oliva, Doretta; Singh, Nirbhay N.; O’Reilly, Mark F.; Green, Vanessa A. Furniss, Fred - Developmental Neurorehabilitation, 2013. 16/2 - pp.1-7,

Post-coma persons emerged from a minimally conscious state and showing multiple disabilities learn to manage a radio-listening activity / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafos, Jeff; Colonna, Fabio; Buonacunto, Francesca; Sacco, Valentina; Megna, Marisa; Oliva, Doretta - Research in developmental disabilities, 2012. 33/2 - pp. 670-674

Two persons with multiple disabilities use camera-based microswitch technology to control stimulation with small mouth and eyelid responses / Lancioni, Giulio E.; Bellini, Domenico; Oliva, Doretta; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafos, Jeff; Lang, Russell - Journal of intellectual & developmental disability, 2012. 37/4 - pp. 337-342

Technology-aided pictorial cues to support the performance of daily activities by persons with moderate Alzheimer’s disease / Lancioni, Giulio E.; Perilli, Viviana; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafos, Jeff; Cassano, Germano; Pinto, Katia; Minervini, Mauro G.; Oliva, Doretta - Research in developmental disabilities, 2012. 33/1 - pp. 265-273

Technology-based programs to promote walking fluency or improve foot-ground contact during walking: two case studies of adults with multiple disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafos, Jeff; La Martire, Maria L.; Oliva, Doretta; Groeneweg, Jop - Research in developmental disabilities, 2012. 33/1 - pp. 111-118
Persons with multiple disabilities select environmental stimuli through a smile response monitored via camera-based technology / Lancioni, Giulio E.; Bellini, Domenico; Oliva, Doretta; Singh, Nirbhay N.; O'Reilly, Mark F.; Lang, Russell; Didden, Robert, Bosco, Andrea - Developmental Neurorehabilitation, 2011. 14/5 - pp. 267-273

A verbal-instruction system to help persons with multiple disabilities perform complex food- and drink-preparation tasks independently / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Oliva, Doretta; Smaldone, Angela; La Martire, Maria L.; Alberti, Gloria; Scigliuzzo, Francesca - Research in Developmental Disabilities, 2011. 32/6 - pp. 2739-2747

Post-coma persons with extensive multiple disabilities use microswitch technology to access selected stimulus events or operate a radio device / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Signorino, Mario; Alberti, Gloria; Scigliuzzo, Francesca; Oliva, Doretta - Developmental Neurorehabilitation, 2010. 13/6 - pp. 433-443

Adapting a computer-assisted program to help a post-coma man with extensive multiple disabilities choose stimulus events / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Signorino, Mario; Alberti, Gloria; Scigliuzzo, Francesca; Oliva, Doretta - Developmental Neurorehabilitation, 2010. 31/6 - pp. 1577-1584

Persons with multiple disabilities use orientation technology to find room entrances during indoor traveling / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Oliva, Doretta; Smaldone, Angela; La Martire, Maria L.; Stasolla, Fabrizio; Castagnaro, Francesca; Groeneweg, Jop - Research in developmental disabilities, 2010. 31/3 - pp. 811-816

Students with multiple disabilities using technology-based programs to choose and access stimulus events alone or with caregiver participation / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Oliva, Doretta; Cingolani, Eleonora - Research in developmental disabilities, 2009. 30/4 - pp. 689-701

Two persons with multiple disabilities use orientation technology with auditory cues to manage simple indoor travelling / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Oliva, Doretta; Cingolani, Eleonora - Research in Developmental Disabilities, 2010. 31/2 - pp. 397-402

Microswitch- and VOCA-assisted programs for two post-coma persons with minimally conscious state and pervasive motor disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Buonacunto, Francesca; Sacco, Valentina; Colonna, Fabio; Navarro, Jorge; Oliva, Doretta; Signorino, Mario; Megna, Gianfranco - Research in developmental disabilities, 2009. 30/6 - pp. 1459-1467

Enabling two persons with multiple disabilities to access environmental stimuli and ask for social contact through microswitches and a VOCA / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Sigafoos, Jeff; Oliva, Doretta; Severini, Laura - Research in developmental disabilities, 2008. 29/1 - pp. 21-28

Eye-and mouth-opening movements replacing head and hand responses in a microswitch program for an adolescent with deteriorating motor condition / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly M. F.; Sigafoos, Jeff; Oliva, Doretta; Severini, Laura; Groeneweg, Jop - Perceptual and motor skills, 2007. 105/1 - pp. 107-114

Small hand-closure movements used as response through microswitch technology by persons with multiple disabilities and minimal motor behavior / Lancioni, Giulio E., O’Reilly, Mark F.; Singh, Nirbhay N.; Sigafoos, Jeff; Didden, Robert; Oliva, Doretta; Montironi, Gianluigi; La Martire, Maria L. - Perceptual and motor skills, 2007. 104/3 - pp. 1027-1034

Enabling a young man with minimal motor behavior to manage independently his leisure television engagement / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Sigafoos, Jeff; Chiapparino, Claudia; Stasolla, Fabrizio Bosco, Andrea; De Pace, Claudia; Oliva, Doretta - Perceptual and motor skills, 2007. 105/1- pp. 47-54
Enabling students with multiple disabilities to request and choose among environmental stimuli through microswitch and computer technology / Lancioni, Giulio E.; Singh, Nirbhay N.; O'Reilly, Mark F.; Sigafoos, Jeff; Oliva, Doretta; Baccani, Simona - Research in developmental disabilities, 2007. 28/1 - pp. 50-58

Persons with multiple disabilities and minimal motor behavior using small forehead movements and new microswitch technology to control environmental stimuli / Lancioni, Giulio E.; O'Reilly, Mark F.; Singh, Nirbhay N.; Sigafoos, Jeff; Didden, Robert; Oliva, Doretta; Montironi, Gianluigi - Perceptual and motor skills, 2007. 104/3 - pp. 870-878

A learning setup for a post-coma adolescent with profound multiple disabilities involving small forehead movements and new microswitch technology / Lancioni, Giulio E.; O'Reilly, Mark F.; Singh, Nirbhay N.; Sigafoos, Jeff; Didden, Robert; Oliva, Doretta; Calzolari, Cinzia; Montironi, Gianluigi - Disability and rehabilitation: assistive technology, 2007. 2/5 - pp. 293-297

Promoting foot–leg movements in children with multiple disabilities through the use of support devices and technology for regulating contingent stimulation / Lancioni, Giulio E.; O'Reilly, Mark F.; Singh, Nirbhay N.; Sigafoos, Jeff; Oliva, Doretta; Scalini, Lorenza; Castagnaro, Francesca; Di Bari, Mauro - Cognitive Processing, 2007. 8/2 - pp. 279-283

Enabling two adolescents with multiple disabilities to choose among environmental stimuli through different procedural and technological approaches / Lancioni, Giulio E.; Antonucci, Massimo; De Pace C., O'Reilly, Mark F.; Singh, Nirbhay N.; Sigafoos, Jeff; Oliva, Doretta; Antonucci, Massimo - Disability and rehabilitation: assistive technology, 2006. 1/3 - pp. 205-208

Children with multiple disabilities and minimal motor behavior using chin movements to operate microswitches to obtain environmental stimulation / Lancioni, Giulio E.; O'Reilly, Mark F.; Singh, Nirbhay N.; Sigafoos, Jeff; Oliva, Doretta; Tota, Alessia; Antonucci, Massimo - Research in developmental disabilities, 2006. 27/3 - pp. 209-298

A microswitch-based programme to enable a boy with multiple disabilities and minimal motor behaviour to choose among environmental stimuli / Lancioni, Giulio E.; Singh, Nirbhay N.; O'Reilly, Mark F.; Sigafoos, Jeff; Oliva, Doretta; Antonucci, Massimo - Disability and rehabilitation: assistive technology, 2006. 1/3 - pp. 205-208

An optic micro-switch for an eyelid response to foster environmental control in children with minimal motor behaviour / Lancioni, Giulio E.; Singh, Nirbhay N.; O'Reilly, Mark F.; Sigafoos, Jeff; Oliva, Doretta; Costantini, Alessandro; Gatto, Sergio; Marinelli, Valeria; Putzolu, Anna - Pediatric rehabilitation, 2006. 9/1 - pp. 53-56

Wheelchair-bound persons with multiple disabilities learning to use simple foot-leg responses within a microswitch-based program / Lancioni, Giulio E.; Singh, Nirbhay N.; O'Reilly, Mark F.; Piazzolla, Giorgia; Pidala, Sara; Oliva, Doretta - Journal of Developmental and Physical Disabilities, 2005. 17/4 - pp. 327-336

Further evaluation of microswitch clusters to enhance hand response and head control in persons with multiple disabilities / Lancioni, Giulio E.; O'Reilly, Mark F.; Singh, Nirbhay N.; Oliva, Doretta; Scalini, Lorenza; Vigo, Maria Cecilia; Groeneweg, Jop - Perceptual and motor skills, 2005. 100/8 - pp. 488-493

A new microswitch to enable a boy with minimal motor behavior to control environmental stimulation with eye blinks / Lancioni, Giulio E.; O'Reilly, Mark F.; Singh, Nirbhay N.; Oliva, Doretta; Coppa, Mauro M.; Montironi, Gianluigi - Behavioral Interventions, 2005. 20/2 - pp. 147-154

Assessing a microswitch-based stimulation procedure for eye-blinking responses in a young woman with profound multiple disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O'Reilly, Mark F.; Sigafoos, Jeff; Oliva, Doretta; Severini, Laura - Perceptual and motor skills, 2005. 101/1 - pp. 212-216
Assessing a new response-microswitch combination with boy with minimal motor behavior / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Oliva, Doretta; Montironi, Gianluigi; Chierchie Samuele. - Perceptual and motor skills, 2004. 98/2 - pp. 459-462

Enabling a person with multiple disabilities and minimal motor behaviour to control environmental stimulation with chin movements / Lancioni, Giulio E.; O’Reilly, Mark F.; Sigafoos, Jeff; Singh, Nirbhay N.; Oliva, Doretta; Basili, Gabriella - Disability and rehabilitation, 2004. 26/21-22 - pp. 1291-1294

Improving assisted ambulation in a man with multiple disabilities through the use of a microswitch cluster / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Oliva D., Scalini L., Groeneweg Jop - Behavioural and Cognitive Psychotherapy, 2004. 32/2 - pp. 245-249

Adapting a grid into a microswitch to suit simple hand movements of a child with profound multiple disabilities / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Basili, Gabriella - Disability and rehabilitation, 2004. 26/21-22 - pp. 1291-1294


Social validation happiness - microswitch technology evaluation:

Assessing the impact and social perception of self-regulated music stimulation with patients with Alzheimer's disease / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Sigafoos, Jeff; Grumo, Gianluca; Cassano, Germano; Pinto, Katia; Stasolla, Fabrizio; Signorino, Mario; Groeneweg, Jop - Research in developmental disabilities, 2013. 34/1 - pp. 139-146

A technology-aided stimulus choice program for two adults with multiple disabilities: Choice responses and mood / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Alberti, Gloria; Oliva, Doretta; Serafino, Buono - Research in developmental disabilities, 2011. 32/6 - pp. 2602-2608

Camera-based microswitch technology for eyelid and mouth responses of persons with profound multiple disabilities: Two case studies / Lancioni, Giulio E.; Bellini, Domenico; Oliva, Doretta; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff - Research in developmental disabilities, 2010. 31/6 - pp. 1509-1514

Persons with multiple disabilities accessing stimulation and requesting social contact via microswitch and VOCA devices: New research evaluation and social validation / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Sigafoos, Jeff; Didden, Robert; Oliva, Doretta; Campodonico, Francesca; de Pace, Claudia; Chiapparino, Claudia; Groeneweg, Jop - Research in developmental disabilities, 2009. 30/5 - pp. 1084-1094

Technology-based intervention options for post-coma persons with minimally conscious state and pervasive motor disabilities / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Buonocunto, Francesca; Sacco, Valentina; Colonna, Fabio; Navarro, Jorge; Oliva, Doretta; Megna, Gianfranco; Bosco, Andrea - Developmental Neurorehabilitation, 2009. 12/1 - pp. 24-31

Learning in post-coma persons with profound multiple disabilities: Two case evaluations / Lancioni, Giulio E.; Olivetti Belardinelli, Marta; Chiapparino, Claudia; Angelillo, Maria Teresa; Stasolla, Fabrizio; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Oliva, Doretta - Journal of Developmental and Physical Disabilities, 2008. 20/3 - pp. 209-216

Extending the evaluation of novel microswitch technology for small responses in children with profound multiple disabilities / Lancioni, Giulio E.; Tota, Alessia; Smaldone, Angela; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Oliva, Doretta; Montironi, Gianluigi - Assistive Technology, 2007. 19/1 - pp. 11-16
Automatically delivered stimulation for walker-assisted step responses: measuring its effects in persons with multiple disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O'Reilly, Mark F.; Sigafoos, Jeff; Oliva, Doretta; Piazzolla, Giorgia; Pidala, Sara; Smaldone, Angela; Manfredi, Francesco - Journal of Developmental and Physical Disabilities, 2007 19/1 - pp. 1-14

Effects of microswitch-based programs on indices of happiness of students with multiple disabilities: A new research evaluation / Lancioni, Giulio E.; Singh, Nirbhay N.; O'Reilly, Mark F.; Sigafoos, Jeff; Didden, Robert Oliva, Doretta; Severini, Laura; Smaldone, Angela; Tota, Alessia; La Martire, Maria L. - American journal on mental retardation AJMR, 2007. 112/3 - pp. 167-176

A social validation assessment of microswitch-based programs for persons with multiple disabilities employing teacher trainees and parents as raters / Lancioni, Giulio E.; O'Reilly, Mark F.; Singh, Nirbhay N.; Groeneweg, Jop; Bosco, Andrea; Tota, Alessia; Smaldone, Angela; Stasolla, Fabrizio; Manfredi, Francesco; Baccani, Simona; Pidala, Sara - Journal of Developmental and Physical Disabilities, 2006. 18/4 - pp. 383-391

Micro-switch programmes for students with multiple disabilities and minimal motor behaviour: assessing response acquisition and choice / Lancioni, Giulio E.; O'Reilly, Mark F.; Singh, Nirbhay N.; Oliva, Doretta; Baccani, Simona; Severini, Laura; Groeneweg, Jop - Pediatric rehabilitation, 2006. 9/2 - pp. 137-143

Multiple microswitches for persons with multiple disabilities: a basic procedure to examine the persons' choice behavior / Lancioni, Giulio E.; O'Reilly, Mark F.; Singh, Nirbhay N.; Oliva, D.; Piazzolla, Giorgia; Gatto, Lorenzo; Smaldone, Angela - Perceptual and Motor Skills, 2006. 102/1 - pp. 13-16

Assessing the effects of stimulation versus microswitch-based programmes on indices of happiness of students with multiple disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O'Reilly, Mark F.; Oliva, Doretta; Smaldone, Angela; Tota, Alessia; Martielli, Giacomo; Stasolla, Fabrizio; Pontiggia, Giuseppe; Groeneweg, Jop - JIDR Journal of intellectual disability research, 2006. 50/10 - pp. 739-747

Evaluating the applicability of optic microswitches for eyelid responses in students with profound multiple disabilities / Tota, Alessia; Lancioni, Giulio E.; Singh, Nirbhay N.; O'Reilly, Mark F.; Sigafoos, Jeff; Oliva, Doretta - Disability and rehabilitation: assistive technology, 2006 1/4 - pp. 217-224

Microswitch programs for persons with multiple disabilities: an overview of the responses adopted for microswitch activation : Review / Lancioni, Giulio E.; Singh, Nirbhay N.; O'Reilly, Mark F.; Oliva, Doretta - Cognitive Processing, 2005 6/3 - pp. 177-188

Extending the evaluation of a computer system used as a microswitch for word utterances of persons with multiple disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O'Reilly, Mark F.; Sigafoos, Jeff; Oliva, Doretta; Montironi, Gianluigi; Savino, Michelina; Bosco, Andrea - Journal of intellectual disability research JIDR, 2005. 49/ 9 - pp. 639-646

An overview of research on increasing indices of happiness of people with severe/profound intellectual and multiple disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O'Reilly, Mark F.; Oliva, Doretta; Basili, Gabriella - Disability and rehabilitation, 2005. 27/3 - pp. 83-93

Parents provide social validation of microswitch programs for children and adults with multiple disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O'Reilly, Mark F.; Baccani, Simona; Pidala, Sara; Oliva, Doretta; Groeneweg, Jop - Journal of child and family studies, 2005. 14/2 - pp. 159-165

Stimulation and microswitch-based programs for enhancing indices of happiness: a maintenance assessment / Lancioni, Giulio E.; O'Reilly, Mark F.; Singh, Nirbhay N.; Oliva, Doretta; Campodonico, Francesca; Groeneweg, Jop - Behavioral Interventions, 2003. 18/1 - pp. 53-62

Extending the use of familiar microswitches to difficult daily situations: two case evaluations / Lancioni, Giulio E.; Singh, Nirbhay N.; O'Reilly, Mark F.; Campodonico F., Scalini, Lorenza; Oliva, Doretta - Perceptual and Motor Skills, 2003. 96/3 - pp. 927-930
Using microswitches with persons who have profound multiple disabilities: evaluation of three cases / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Oliva, Doretta; Groeneweg, Jop - Perceptual and Motor Skills, 2003. 97/3 - pp. 909-916


A social validation assessment of the use of microswitches with persons with multiple disabilities / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Oliva, Doretta; Marziani, Monia; Groeneweg, Jop - Research in developmental disabilities, 2002. 23/5 - pp. 309-319

Impact of stimulation versus microswitch-based programs on indices of happiness of people with profound multiple disabilities / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Oliva, Doretta; Groeneweg, Jop - Research in developmental disabilities, 2002. 23/2 - pp. 149-160

Multiple microswitches for multiple responses with children with profound disabilities / Lancioni, Giulio E.; O’Reilly, Mark F.; Oliva, Doretta; Singh, Nirbhay N.; Coppa, Mauro M. - Cognitive behaviour therapy, 2002 31/2 - pp. 81-87


Evaluating the use of multiple microswitches and response for children with multiple disabilities / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Oliva, Doretta Piazzolla, Giorgia; Pirani, Patrizia; Groeneweg, Jop - JIDR Journal of intellectual disability research, 2002 46/4 - pp. 346-351

Adaptive responses:

Technology-Based Programs to Support Adaptive Responding and Reduce Hand Mouthing in Two Persons with Multiple Disabilities / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Sigafuso, Jeff; Oliva, Doretta; Alberti, Gloria; Carrella, Luigina; Didden, Robert ; Lang, Russell - Journal of Developmental and Physical Disabilities, 2013. 25/1 - pp. 65-77

Persons with multiple disabilities exercise adaptive head and hand-eye responses using technology-aided programs: two single-case studies / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Sigafuso, Jeff; Oliva, Doretta; Campodonico, Francesca; Lang, Russell - Journal of Developmental and Physical Disabilities, 2012. 24/4 - pp. 415-426

Persons with multiple disabilities exercise adaptive response schemes with the help of technology-based programs: three single-case studies / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafuso, Jeff; Oliva, Doretta; Campodonico, Francesca; Lang, Russell - Research in developmental disabilities, 2012. 33/3 - pp. 849-857

Microswitch-cluster technology to enhance adaptive engagement and head upright by a post-coma man with multiple disabilities / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; D’Amico, Fiora; Ricci, Irene; Buonocunto, Francesca - Developmental Neurorehabilitation, 2011. 14/1 - pp. 60-65

Two children with multiple disabilities increase adaptive object manipulation and reduce inappropriate behavior via a technology-assisted program / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Sigafuso, Jeff; Didden, Robert; Oliva, Doretta; Campodonico, Francesca - Journal of visual impairment & blindness, 2010. 104/11 - pp. 714-718

Two boys with multiple disabilities increasing adaptive responding and curbing dystonic/spastic behavior via a microswitch-based program / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafuso, Jeff; Didden, Robert; Oliva, Doretta - Research in developmental disabilities, 2009. 30/2 - pp. 378-385
A microswitch-cluster program to foster adaptive responses and head control in students with multiple disabilities: replication and validation assessment / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Oliva, Doretta; Gatti, Michela; Manfredi, Francesco; Megna, Gianfranco; La Martire, Maria L.; Tota, Alessia; Smaldone, Angela; Groeneweg, Jop - Research in developmental disabilities, 2008. 29/4 - pp. 373-384


Fostering adaptive responses and head control in students with multiple disabilities through a microswitch-based program: follow-up assessment and program revision / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Didden, Robert; Oliva, Doretta; Severini, Laura - Research in developmental disabilities, 2007. 28/2 - pp. 187-196

Microswitch technology to promote adaptive responses and reduce mouthing in two children with multiple disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly Mark F.; Sigafoos Jeff; Oliva, Doretta; Baccani, Simona; Groeneweg, Jop - Behavior modification, 2006. 30/6 - pp. 892-900

Microswitch clusters promote adaptive responses and reduce finger mouthing in a boy with multiple disabilities / Lancioni, Giulio E., O’Reilly Mark F., Singh, Nirbhay N.; Sigafoos Jeff; Oliva, Doretta; Baccani, Simona; Groeneweg, Jop - Disability and Rehabilitation, 2005. 27/11 - pp. 637-642

Microswitch clusters to enhance adaptive responses and head control: a programme extension for three children with multiple disabilities / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Oliva, Doretta; Scalini, Lorenza; Vigo, Cecilia M.; Groeneweg, Jop - Disability and Rehabilitation, 2005. 27/11 - pp. 637-642

Technological aids to promote basic developmental achievements by children with multiple disabilities: evaluation of two cases / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Sigafoos, Jeff; Oliva, Doretta; Baccani, Simona; Bosco, Andrea; Stasolla, Fabrizio - Cognitive Processing, 2004. 5/4 - pp. 232-238

Technological resources to support adaptive responding with persons with multiple disabilities / Lancioni, Giulio E.; O’Reilly, Mark F.; Campodonico, Francesca - Scandinavian Journal of behaviour therapy, 2001. 30/1 - pp. 17-22

Health:

Promoting mouth drying to reduce the effects of drooling in a woman with multiple disabilities: a new evaluation of microswitch-programme conditions / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Alberti, Gloria; Scigliuzzo, Francesca; Oliva, Doretta - Developmental Neurorehabilitation, 2011. 14/3 pp. 185-190

Promoting mouth-drying responses to reduce drooling effects by persons with intellectual and multiple disabilities: a study of two cases / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Oliva, Doretta; Smaldone, Angela; La Martire, Maria L.; Pichierry, Sabrina; Groeneweg, Jop - Research in developmental disabilities, 2011. 32/2 - pp. 477-482

A technology-based programme to help a post-coma man with profound multiple disabilities manage stimulation access and posture improvement / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Oliva, Doretta; D’Amico, Flora; Megna, Gianfranco; Buonocunto, Francesca; Sacco, Valentina - Developmental Neurorehabilitation, 2010. 13/3 - pp. 212-216

Technology-assisted programs to promote mouth drying and reduce the effects of drooling with two persons with developmental disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Didden, Robert; Oliva, Doretta; Campodonico, Francesca; Pichierry, Sabrina; Zotti, Claudia - Journal of Developmental and Physical Disabilities, 2009. 21/6 - pp. 555-564
Two persons with multiple disabilities use a mouth-drying response to reduce the effects of their drooling / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Oliva, Doretta; Smaldone, Angela; La Martire, Maria L. - Research in developmental disabilities, 2009. 30/6 - pp. 1229-1236

Upgraded technology for contingent stimulation of mouth wiping by two persons with drooling and profound developmental disabilities / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Pichierrri, Sabrina; Oliva, Doretta - Research in developmental disabilities, 2009. 30/4 - pp. 793-798

Helping a man with multiple disabilities increase object-contact responses and reduce hand stereotypy via a microswitch cluster program / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Sigafoos, Jeff; Didden, Robert; Smaldone, Angela; Oliva, Doretta - Journal of intellectual & developmental disability, 2008. 33/4 - pp. 349-353

Microswitch clusters to enhance hand responses and appropriate head position in two children with multiple disabilities / Lancioni, Giulio E.; O’Reilly, Mark F.; Singh, Nirbhay N.; Oliva, Doretta; Scalini, Lorenza; Vigo, Maria Cecilia; Groeneweg, Jop - Pediatric rehabilitation, 2005. 8/1 - pp. 59-62

Promoting walker-assisted step responses by an adolescent with multiple disabilities through automatically delivered stimulation / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Campodonico, Francesca; Oliva, Doretta; Vigo, Cecilia M. - JVIB Journal of visual impairment & blindness, 2005. 99/2 - pp. 109-113

Microswitch clusters to support responding and appropriate posture of students with multiple disabilities: three case evaluations / Lancioni, Giulio E.; Singh, Nirbhay N.; O’Reilly, Mark F.; Oliva, Doretta; Scalini, Lorenza; Vigo, Cecilia M.; Groeneweg, Jop - Disability and Rehabilitation, 2004. 26/9 - pp. 501-5

Microswitch clusters to enhance non-spastic response schemes with students with multiple disabilities / Lancioni, Giulio E.; Groeneweg, Jop; Singh, Nirbhay N.; Oliva, Doretta; Scalini, Lorenza - Disability and rehabilitation, 2003. 25/6 - pp. 301-304