

Index

a

aboriginal community 16f., 40, 55, 61, 132, 190
 addiction severity index (ASI) 298
 addictions treatment 354f., 357
 adolescent substance prevention education network (ASPEN) program 160, 169, 275f.
 advocacy 238
 advocate 347, 350
 age group 226
 alcohol 1, 4, 136f., 201ff.
 – amount 33
 – “safe” alcohol intake 244
 – time of drinking during pregnancy 33
 alcohol abstinence 298, 301, 303
 alcohol abuse 193
 alcohol awareness 15
 alcohol consumption 103, 131, 156ff., 265, 274, 283
 alcohol-exposed pregnancy (AEP) 48ff., 53f., 71f., 100, 102f., 106, 111, 148, 154, 163, 166ff., 183, 187, 191, 194, 264ff., 269ff., 289, 295, 324ff.
 alcohol-related birth defects (ARBD) 32, 57, 105
 alcohol-related neurodevelopmental disorders (ARND) 32, 57, 105
 Alexis Nakota Sioux 339
 Alexis working committee 339
 allocation bias 118, 128f., 152f., 180, 233, 320ff., 324ff., 328f.
 Arkansas center for addictions research, education, and services (AR-CARES) 182, 186, 289ff., 328
 article 207
 assessment of multiple systematic reviews (AMSTAR) 28, 30, 42f., 55f., 63, 73, 78ff., 84ff., 93ff.

at-risk mother 345ff.

attention 66, 68

attention deficit and hyperactivity disorder 70

b

barrier 344

before-and-after study (BA) 45, 57, 67, 70, 112, 134ff.

behavioral change 342

behavioral intervention 68

binge 269, 347

birth control and alcohol awareness:
 negotiating choices effectively (BALANCE) 157, 167, 269f.

blame 352f., 356

blinding 210, 320ff., 324ff., 328f.

blood alcohol content (BAC) 302

British Columbia 354f.

British medical association (BMA) 66

c

campaign evaluation 341

Canada 2f., 6ff., 17f., 21, 33, 104, 190, 199, 341, 346

Canadian guidelines for the diagnosis of FASD 58

Canadian guidelines on the management of FASD 66

case finding 238

case management 103, 120, 148, 161f., 170, 183ff., 236ff., 301, 311, 313ff., 318f., 329

centers for disease control (CDC) 58, 66

Cesarean delivery 162

child development 351

child protective service (CPS) 347

class 17

classification system 72

clinical guideline 54
 clinical practice guidelines (CPG) 45, 57
 clinical trial 100, 111f., 119, 130, 154, 157f., 181
 coalition building 239
 cognitive-based health education 267f.
 cognitive control therapy 65, 67f.
 collaboration 239
 collective actions 239
 community capacity 340
 community engagement 342
 community organizing 239
 community provider 347
 comparator 38f., 243
 competing interest 200
 component rating 212
 confidence interval 158, 213
 confounder 210, 320ff., 324ff., 328f.
 consultation 238
 controlled clinical trial (CCT) 28, 30, 38ff., 44ff., 57, 61, 67, 100, 102, 131
 cost effectiveness 349
 costs 7ff., 20
 – costs of inaction 8
 – costs of prevention 8f.
 counseling 50, 173, 175, 182ff., 187ff., 198, 229, 238, 278f., 295ff., 299, 309ff., 316ff.
 country of study 224
 criterion rating 208
 cultural adaptation 339

d

data analysis 81, 213
 data collection method 211, 320ff., 324ff., 328f.
 data extraction 78, 208
 database 75f., 84ff., 104, 108, 201f.
 delegated function 237
 demographics 240ff., 258ff., 286ff.
 developmental delay 288
 diagnostic criteria 54, 57
 discrimination 353, 356
 drinking behavior 243
 drinking day 155f., 165, 264ff.
 drop-out 211

e

education 147, 229, 304ff., 309ff., 317, 349
 educational and learning strategies 67
 educational counseling 51
 effective public health practice project (EPHPP) 195, 208ff.
 effectiveness 28ff., 36, 189, 198, 214ff.

efficacious intervention 68
 electronic database 40, 55
 elements of assessment 108
 employment 349
 enrollment criteria 346
 evaluation 18
 evaluation strategy 342
 excluded study 35, 81ff., 213ff.
 – reason for exclusion 81ff., 109, 214

f

family planning 348f.
 fatty acid ethyl ester (FAEE) 12
 fetal alcohol spectrum disorder (FASD)
 1ff., 27ff., 99ff., 337ff.
 – costs 6ff.
 – definition 4, 32, 99, 105
 – diagnosis 2, 27, 34, 72, 76
 – diagnostic categories 32
 – economic burden 6ff.
 – effects 106
 – identification 33
 – incidence 5
 – management 33
 – prevention 1ff., 8, 16f., 33f., 71f., 76
 – prevention research 197ff.
 – rate 105
 – severity 5, 32
 – treatment 2, 27, 34, 64, 76, 84
 – types 105
 fetal alcohol spectrum teaching and research awareness campaign (FASTRAC) 130, 240f., 304, 320
 fetal alcohol syndrome (FAS) 4f., 15, 32f., 57, 70, 105, 130, 134, 164, 183f.
 fetus 4, 10
 follow-up 236, 243

g

global rating 212, 320ff., 324ff., 328f.
 gold standard 19
 guideline 58, 65f.

h

harm reduction 348
 health 1ff., 14ff., 351
 – social determinants 1, 3f., 14ff., 20, 351
 health education 159, 166ff., 173, 198, 242, 249, 273
 health education material 304
 health educator 156, 162
 health promotion activity 337
 health teaching 238
 healthcare 1

healthcare provider 160, 304ff., 309ff., 316ff., 344
 – type of provider 230
 high-quality systematic review 29, 54
 home visitation intervention 183
 home-visitation program 346
 hospitalization 290
 housing 349
 hyperactivity 66, 68

I

immediate outcomes 101, 125, 131, 190, 196
 impulsivity 66
 indicated prevention approach 195, 235
 indicated prevention strategy for FASD 99, 107, 173
 – characteristics of interventions 316ff.
 – characteristics of studies 286ff.
 – clinical trials 181
 – demographics 286
 – effectiveness 179f., 185ff.
 – general characteristics 173f., 184
 – interventions 48, 174ff., 185ff., 286ff.
 – methodological quality 178, 180, 185ff.
 – observational studies 182ff.
 – outcomes 176f., 185, 286ff.
 – participant 286ff.
 – population 174, 176, 185ff.
 – results 178ff., 184ff., 286ff.
 – studies 176, 186ff.
 – study design 176, 186ff., 286ff.
 – study setting 286ff.
 intention-to-treat (ITT) 119, 153
 intermediate outcomes 19, 101ff., 115, 120, 165, 176, 192
 internet search 31, 41
 interquartile range (IQR) 213
 interrupted time series (ITS) 45f., 57
 intervention 38ff., 42, 52f., 60, 63, 70, 73, 84ff., 122, 160, 191, 196, 240ff., 258ff., 286ff., 304ff.
 – brief intervention 49, 51, 147, 154ff., 175, 261, 264ff., 271, 287, 309ff., 316ff.
 – characteristics of the intervention 304ff., 309ff., 316ff.
 – classification of the intervention 304ff., 309ff., 316ff.
 – cognitive-behavioral self-help intervention 51, 158f., 272
 – general level of intervention 304ff., 309ff., 316ff.
 – individual components 229, 304ff., 309ff., 316ff.

– intensive intervention 49
 – level of intervention 227
 – psychosocial intervention 279ff.
 – supportive-educative intervention 274
 – type of intervention 227, 304ff., 309ff., 316ff.
 intervention integrity 211
 intervention setting 228, 304ff., 309ff., 316ff.
 inventory 340f.

k

knowledge 130ff., 166ff., 192ff., 240f., 244f., 247f., 253f., 267, 274, 286
 – levels 338

l

language intervention 67
 life skills training (LST) program 338f.
 limitation 195

m

mass media 101, 114, 125, 137, 142, 147, 229, 305ff., 315
 maternal self-reporting 12f.
 maternity care 357
 mathematics intervention 67
 meconium testing 12
 mental developmental delay (MDI) 287, 292ff.
 mental health 14, 21, 357
 mental health problem 351f.
 mentoring program 345ff.
 meta-analysis 28, 30, 45, 49ff., 105, 195
 methodological approach 34f., 108f.
 methodological characteristics 78
 – of systematic reviews on diagnosis of FASD 55
 – of systematic reviews on prevention of FASD and prenatal alcohol use 40
 – of systematic reviews on therapeutic approaches to FASD 61
 methodological design criteria 61
 methodological issue 196
 methodological quality 28, 30f., 35, 41, 43, 46ff., 50f., 55f., 59, 62f., 65ff., 101, 118, 158, 192, 320ff.
 – assessment 93ff.
 – domains 118, 233
 – domains from AMSTAR 63
 – of systematic reviews included in the overview 93
 – of systematic reviews on diagnosis of FASD 55

- of systematic reviews on prevention of FASD and prenatal alcohol use 42
- of systematic reviews on therapeutic approaches to FASD 62f.
- of the overview of systematic reviews 73
- methodological quality assessment 78, 208ff.
- methodological quality assessment tool 208ff.
- methodology 31, 41, 74ff., 104, 200ff.
- misinformation 356
- moderate-quality systematic review 29ff., 54, 69f.
- mortality rate 300
- motivational interview 51, 160, 276, 283
- multiple publication 83, 222f.

n

- national health and medical research council (NHMRC) 41, 85
- national institute for health and clinical excellence (NICE) 41
- national organization of fetal alcohol syndrome (NOFAS) 21
- neonatal mortality 300

o

- observational study 123, 130ff., 154, 161ff., 181ff.
- outcomes 38ff., 46, 60, 84ff., 115, 182, 191f., 240ff., 258ff., 286ff.
- types 231
- outreach 238
- overview 34ff., 72f.
- limitation 74
- strength 73

p

- para-professional 346
- parent-child assistance program (PCAP) 15, 187, 298, 328, 345ff., 351, 353
- partial fetal alcohol syndrome (pFAS) 32, 70, 164
- participant 129, 153, 158, 208, 240ff., 258ff., 286ff.
- paternal factor 106
- perinatal mortality 300
- perinatal outreach project 282
- personal health practice 351
- perspective 350ff.
- physiological support 183
- PICOD (population, intervention, comparator, outcomes and design)-components 37, 54, 59, 78

- policy 8, 10, 16, 18, 20, 66, 123, 239
- poly-substance abuser 347
- population 38f., 52f., 60, 70, 84ff., 122, 189f., 221, 225f.
- positive adolescent life skills (PALS) 157f., 270f.
- postnatal screening tools 54ff.
- postpartum woman 156, 161
- pre-conception initiative 337ff.
- pregnancy 1, 3, 10, 28f., 33, 37ff., 44ff., 58, 71f., 75f., 83ff., 106, 132f., 136f., 156f., 159, 163, 190, 194, 201ff., 256
- pregnancy and health program (PHP) 164, 172, 285
- pregnancy risk assessment monitoring system (PRAMS) 13
- pregnant and postpartum women and their infants (PPWI) program 161, 170, 277
- premature rupture of membranes 273
- prenatal alcohol education program 156
- prenatal alcohol exposure 11, 72
- screening 11
- prenatal alcohol use 37, 40ff., 49, 71, 133, 155, 268
- identification 49
- prenatal care coordination program (PNCC) 163, 171, 283
- prenatal education 50
- prenatal screening 46
- prevention 1f., 27f., 37ff., 42ff.
- indicated prevention 14ff.
- main obstacles to prevention 17
- measuring effectiveness of prevention 18
- problems 20
- responsibility 19ff.
- selective prevention 13
- universal prevention 9
- prevention campaign 10f., 133ff., 245ff., 249, 254
- recommendations 342
- preventive approaches for FASD 99ff., 112, 109ff., 191
- effectiveness 109ff.
- general characteristics 110
- interventions 112ff., 120
- methodological quality 118f., 121
- operational definitions 235ff.
- outcomes 115ff., 120
- overall characteristics 224ff.
- perspectives 337ff.
- populations 111f., 120
- results 109, 115, 119ff.
- search results 109
- primary care physician perspective 343ff.

primary disability 33, 64
 primary healthcare 343ff., 353, 357
 primary prevention campaign 340ff.
 primary prevention strategy 47
 primary research 55
 primary study 28, 40f., 45
 program 1ff., 9, 15, 18f.
 prospective analytical cohort study 131, 145, 161, 182
 prospective study 207
 psychomotor developmental delay (PDI) 287, 292ff.
 psychostimulant medication 65, 68f.
 public health 33
 public health agency of Canada FASD-referral guidelines 58
 public health intervention (PHI) model 236
 public health preventive intervention 113, 123, 146, 175, 227
 public health research education and development program (PHRED) 195, 208
 publication 223
 – types of publication 224
 publication bias 189

q

qualitative synthesis 44, 101ff., 130, 138, 154, 165, 180, 185
 quality assessment rating 208
 quantitative study 209
 questionnaire-based counseling 162, 171, 281

r

race 17
 race group 226
 randomized controlled trial (RCT) 28, 30, 38ff, 43ff., 57, 61, 67, 100, 102, 155, 196
 recovery rate 348
 referral 236
 research direction 196
 resources 341
 result 35ff., 51, 59, 69, 81, 117, 213, 240ff., 258ff., 286ff.
 retrospective analytical cohort study 111, 132, 162, 207
 retrospective study 207
 risk perception 132
 risk ratio 46, 213

s

sample size 111
 school program 338

school-based substance-use prevention program 338
 screening 238, 284f.
 screening tool 49
 search result 35ff., 109f.
 search strategy 74, 200ff.
 search term 75f., 201ff.
 secondary disability 33, 60f., 64f., 73
 secondary prevention strategy 47
 selection bias 118, 128f., 152f., 180, 192, 208f., 212, 233, 320ff.
 selection criteria 37, 108, 153, 243, 245, 247ff.
 selective prevention approach 194, 235
 selective prevention approach for FASD 99, 107, 145ff.
 – characteristics of interventions 309ff.
 – characteristics of studies 258ff.
 – clinical trials 154
 – effectiveness 145ff., 152f., 165ff.
 – general characteristics 145, 164
 – interventions 146ff., 153, 165ff., 258ff.
 – methodological quality 152f., 165ff.
 – observational studies 161ff.
 – outcomes 149f., 258ff.
 – populations 145, 148f., 165
 – results 149, 151f., 154, 164ff., 258ff.
 – studies 258ff.
 – study design 148f., 166ff., 258ff.
 – study population 166ff.
 – study setting 258ff.
 selective preventive intervention 48
 shame 352f., 356
 shared care 344
 social communication skills 68
 social marketing 239, 342
 – target groups 342
 social support 353
 social worker 346
 socioeconomic status 15
 source of funding 225
 spontaneous vaginal delivery 162
 stigma 353, 356
 strength 195, 350ff.
 study 207
 – field of study 207
 – purpose 207
 study design 38f., 84ff., 207, 209, 220f., 240ff., 258ff., 286ff.
 – types 224
 study eligibility criteria 77, 207
 study evidence 240ff.
 study selection process 74, 207f.

study setting 225, 240ff., 258ff., 286ff.
 success 18
 support 350ff.
 surveillance 238
 syndrom 2
 system coordination 354
 systematic reviews (SR) 27ff., 34, 38f., 42, 52f., 63, 99ff., 189, 194
 – characteristics 36, 84ff.
 – effectiveness of prevention approaches for FASD 28
 – geographic distribution of the evidence in SR 43ff.
 – methodological characteristics 40, 55
 – methodological quality 42f., 55
 – of the effectiveness of prevention approaches for FASD 99ff.
 – on diagnosis of FASD 29, 54ff.
 – on prevention of FASD and prenatal alcohol use 37ff.
 – on the effectiveness of diagnostic approaches to FASD 56f.
 – on therapeutic approaches to FASD 62ff.
 – on treatment approaches for FASD 30, 59ff.
 – overall quality 42
 – selection 35
 – selection criteria 54f., 60, 84ff.

t

team-based care 344
 teetotaler 133, 141, 249, 278
 tertiary prevention strategy 47
 thematic analysis 213
 theoretical framework 228, 304ff., 309ff., 316ff., 348
 theoretical model 196f.
 therapeutic approach 30

toward optimized practice (TOP) 343
 transition house 352, 355

u

ultimate outcomes 115, 120, 125, 149, 165, 196
 universal prevention approach 193, 235
 universal prevention approach for FASD 99, 101, 107, 112, 121ff., 124
 – characteristics of interventions 304ff.
 – characteristics of studies 240ff.
 – clinical trials 130f.
 – demographics 240ff.
 – effectiveness 121ff., 138ff.
 – interventions 48, 122ff., 137, 139ff., 240ff., 320ff.
 – methodological quality 128f., 138ff., 320ff.
 – observational studies 131
 – outcomes 125f., 128, 137f., 240ff.
 – participant 240ff.
 – population 122, 124, 137, 139ff.
 – results 127f., 137ff., 240ff., 320ff.
 – studies 121ff., 139ff., 320ff.
 – study conclusion 127
 – study design 124, 139ff., 240ff.
 usual prenatal care 19, 272f., 275f., 280f.

v

violence 14

w

warning label 114, 135ff., 141ff., 235, 247, 250, 252, 256, 305ff., 320f., 323
 weighted mean difference (WMD) 46, 213
 withdrawal 211, 320ff., 324ff., 328f.
 woman-specific message 341
 women's health 14, 20