| **Target pop** | **Author, year Study name** | **Int arm** | **Intervention** | **Intensity category** | **Brief description** | **Setting** | **Provider** | **Primary care clinician role** | **Control** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Adolescents** | Haug, 2016210 | IG1 | MobileCoach Alcohol intervention | Brief Multiple | Web-based personalized feedback + 95/97 ([medium/high risk] text messages) | High school, home | Self-directed | None | None |
| Mason, 2015215 | IG1 | Peer network counseling | Extended Single | One 20-min individual counseling session | Primary care clinic | Mental or behavioral health specialists | None | AC |
| **Young adults** | Bertholet, 2015220 | IG1 | Internet-based personalized feedback | Brief Single | Internet-based personalized feedback | Other | Self-directed | None | None |
| Carey, 2006189 | IG1 | Enhanced Motivational Interviewing | Extended Single | One in-person motivational interview with enhanced counseling | College | Interventionist | None | None |
| IG2 | Basic Motivational Interviewing | Extended Single | One in-person motivational interview | College | Interventionist | None | None |
| IG3 | Enhanced Motivational Interviewing plus TLFB | Extended Single | One in-person TLFB interview and one in-person motivational interview with enhanced counseling | College | Research staff, interventionist | None | None |
| IG4 | Basic Motivational Interviewing plus TLFB | Extended Single | One in-person TLFB interview and one in-person motivational interview | College | Research staff, interventionist | None | None |
| Collins, 2014223 | IG1 | Personalized normative feedback | Very Brief | One web-based personalized feedback session | Home | Self-directed | None | None |
| IG2 | Decisional balance feedback | Very Brief | One web-based decisional balance feedback session | Home | Self-directed | None | None |
| Daeppen, 2011192 | IG1 | Brief motivational intervention | Brief Single | One in-person 15-minute brief motivational session | Other | Psychologists | None | None |
| **Young adults** | Fleming, 2010  CHIPS160 | IG1 | Brief physician intervention | Brief Multiple | Two 15-min visits with physicians plus 2 followup calls or emails | College health clinic | Medical doctors | Delivered most/all | UC |
| Johnsson, 2006194 | IG1 | Cognitive Behavioral Group | Extended Multiple | Five 2-hour group sessions based on BASICS manual | College health clinic | Research staff, peers | None | Minimal |
| Kypri, 2004161 | IG1 | Computer-based personalized feedback | Brief Single | One computer-based personalized feedback session | College health clinic | Self-directed | None | None |
| Kypri, 2008162 | IG1 | Multi-session computer based feedback | Brief Multiple | Two computer-based personalized feedback sessions | College health clinic | Self-directed | None | Minimal |
| IG2 | Single session computer based feedback | Brief Single | One computer-based personalized feedback session | College health clinic | Self-directed | None | Minimal |
| Kypri, 2009195 | IG1 | Computer-based personalized feedback | Brief Multiple | Two computer-based personalized feedback sessions | College | Self-directed | None | None |
| LaBrie, 2009196 | IG1 | Group Counseling | Extended Single | One group counseling session | College | Research staff | None | Minimal |
| LaBrie, 2013227 | IG1 | Web-BASICS feedback | Brief Single | One computer-based personalized feedback session + optional printed feedback | College | Self-directed | None | AC |
| IG2 | Web-based personalized normative feedback | Brief Single | One gender-, race-, and Greek status-specific computer-based personalized feedback session | College | Self-directed | None | AC |
| Larimer, 2007197 | IG1 | Personalized mailed feedback | NA (mailing-only) | One personalized feedback postcard followed by 10 generic postcards | Home | Self-directed | None | None |
| **Young adults** | Leeman, 2016211 | IG1 | Personalized feedback (direct + indirect) | Brief Single | One computer-based personalized feedback session with direct + indirect protective behavioral strategies | College | Self-directed | None | None |
| IG2 | Personalized feedback (direct only) | Brief Single | One computer-based personalized feedback session with direct protective behavioral strategies | College | Self-directed | None | None |
| IG3 | Personalized feedback (indirect only) | Brief Single | One computer-based personalized feedback session with indirect protective behavioral strategies | College | Self-directed | None | None |
| Lewis, 2014225 | IG1 | Alcohol-only web-based personalized feedback | Very Brief | One web-based personalized normative feedback session | Home | Self-directed | None | AC |
| IG2 | Alcohol and alcohol-related risky sexual behavior web-based feedback | Very Brief | One web-based combined alcohol and alcohol-related RSB personalized normative feedback session | Other | Self-directed | None | AC |
| Marlatt, 1998198 | IG1 | Motivational Interviewing and Personalized Feedback | Extended Single | One 60-min motivational interviewing session & summary sheet; mailed personalized feedback; followup phone calls and session optional (high risk or extreme) | College, home | Psychologists | None | None |
| **Young adults** | Martens, 2010199 | IG1 | Targeted personalized feedback | Very Brief | One targeted computer-based personalized drinking feedback session | Home | Self-directed | None | Minimal |
| IG2 | Standard personalized feedback | Very Brief | One standard computer-based personalized drinking feedback session | Home | Self-directed | None | Minimal |
| Leeman, 2016211 | IG1 | Personalized Normative Feedback | Very Brief | Web-based personalized normative feedback printout | College | Self-directed | None | None |
| Neighbors, 2010201 | IG1 | Gender-specific personalized feedback | Brief Multiple | Five web-based gender-specific personalized normative feedback sessions | Home | Self-directed | None | AC |
| IG2 | Gender-nonspecific personalized feedback | Brief Multiple | Five web-based gender-nonspecific personalized normative feedback sessions | Home | Self-directed | None | AC |
| IG3 | Single gender-specific personalized feedback | Brief Single | One web-based gender-specific personalized normative feedback session followed by 4 web-based attention-control sessions | Home | Self-directed | None | AC |
| IG4 | Single gender-nonspecific personalized feedback | Brief Single | One web-based gender-nonspecific personalized normative feedback session followed by 4 web-based attention-control sessions | Home | Self-directed | None | AC |
| **Young adults** | Neighbors, 2016201 | IG1 | Normative + Social feedback | Very Brief | One computer-based personalized normative feedback session | College | Self-directed | None | AC |
| IG2 | Social comparison feedback | Very Brief | One computer-based personalized social comparison feedback session | College | Self-directed | None | AC |
| Leeman, 2016211 | IG1 | Motivational intervention | Extended Single | Two 20-min brief motivational intervention sessions plus personalized feedback document and alcohol-prevention brochure | College health clinic | Medical doctors, nursing professionals, physician’s assistants | Delivered most/all | UC |
| Turrisi, 2009205 | IG1 | Peer-delivered personalized feedback + parent-handbook | Extended Single | One 45- to 60-min personalized feedback session delivered by peer athlete + parent handbook intervention | College, home | Peers, self-directed | None | Minimal |
| IG2 | Peer-delivered personalized feedback | Extended Single | One 45- to 60-min personalized feedback session with peer athlete | College | Peers | None | Minimal |
| IG3 | Parent handbook | Very Brief | Informational handbook mailed to the participants' parents | Home | Self-directed | None | Minimal |
| Voogt, 2014226  What Do You Drink (WDYD) | IG1 | Personalized feedback | Brief Single | One web-based personalized feedback session | Home | Self-directed | None | None |
| **Adults** | Aalto, 2000206  Lahti Project | IG1 | Personalized feedback | Brief Multiple | Three 10- to 20-min personalized feedback sessions with GP | Primary care clinic | Medical doctors | Delivered most/all | UC |
| Bischof, 2008149 | IG1 | Motivational interviewing + computerized feedback | Extended Multiple | Four 30-min computerized feedback and brief individual counseling sessions comprising motivational interviewing and behavioral change counseling | Primary care clinic | Psychologists | None | UC |
| IG2 | Motivational interviewing + stepped care | Extended Multiple | Up to three 30- to 40- min computerized feedback and motivational interviewing sessions | Primary care clinic | Psychologists | None | UC |
| Burge, 1997188 | IG1 | Physician-delivered brief intervention + group psychoeducation | Extended Multiple | Two 10- to 15-min physician-delivered sessions and six 90-min patient educator-led group psychoeducation sessions | Primary care clinic | Medical doctors, health educators | Delivered part | None |
| IG2 | Group psychoeducation sessions | Extended Multiple | Six 90-min patient educator-led group psychoeducation sessions | Primary care clinic | Health educators | None | None |
| IG3 | Physician-delivered brief intervention | Brief Multiple | Two 10- to 15-min physician delivered brief intervention sessions | Primary care clinic | Medical doctors | Delivered most/all | None |
| **Adults** | Butler, 2013242  PRE-EMPT | IG1 | Behavior change counseling | NA (provider-focused intervention) | Provider training in behavior change counseling; no specific guidance for structure of patient visits | Primary care clinic | Medical doctors, Nursing professionals | Delivered most/all | UC |
| Chang, 2011190 | IG1 | Physician-led brief intervention | Extended Single | One 30-min physician-delivered individual counseling session | Other medical center | Medical doctors | None | None |
| Crawford, 2014185  SHEAR | IG1 | Physician-delivered brief advice and referral | Very Brief | One 2- to 3-min physician-delivered brief intervention followed by 1-2 optional Alcohol Health Worker-delivered ≤30-min FRAMES sessions | Other medical center | Medical doctors, substance use treatment specialist | Delivered part | AC |
| Cunningham, 2012231 | IG1 | Personalized Feedback Pamphlet | Very Brief | Personalized Feedback Pamphlet | Home | Self-directed | None | None |
| Curry, 2003152 | IG1 | Motivational interviewing + personalized feedback | Brief Multiple | One 5-min motivational interviewing session with PCP followed by written personalized feedback and 3 phone counseling calls | Primary care clinic, home | Medical doctors, health educators | Delivered part | None |
| Drummond, 2009208 | IG1 | Stepped Care | Extended Multiple | One 40-min counseling session plus up to four additional 50-min counseling sessions | Primary care clinic | Nursing professionals, substance use treatment specialist | None | Minimal |
| Emmen, 2005193 | IG1 | Personalized Health Feedback | Extended Multiple | 90-min assessment and a 60-min personalized health feedback session | Primary care clinic | Psychologists | None | UC |
| **Adults** | Fleming, 1997153  Project TrEAT (Trial for Early Alcohol Treatment) | IG1 | Physician-delivered brief intervention | Brief Multiple | Two 15-min physician-delivered brief intervention sessions followed by two nurse-delivered followup calls | Primary care clinic | Medical doctors, nursing professionals | Delivered most/all | UC |
| Hansen, 2012234 | IG1 | Computer-based personalized feedback | Very Brief | One computer-based personalized feedback session | Home | Self-directed | None | None |
| IG2 | Computer-based personalized brief advice | Very Brief | One computer-based personalized brief advice session | Other | Self-directed | None | None |
| Heather, 1987209  DRAMS (Drink Reasonably And Moderately With Self-Control) | IG1 | DRAMS  Physician-delivered brief intervention | Brief Multiple | Two screening and brief counseling sessions with PCP | Primary care clinic | Medical doctors | Delivered most/all | None |
| IG2 | Advice-only | Brief Single | One brief advice session with PCP | Primary care clinic | Medical doctors | Delivered most/all | None |
| Helstrom, 2014240 | IG1 | Telephone counseling | Brief Multiple | One PCP-delivered counseling session followed by 3 phone counseling sessions | Primary care clinic, home | Medical doctors, nursing professionals, mental or behavioral health specialists | Delivered part | UC |
| **Adults** | Hilbink, 2012233 | IG1 | Staff training and mailed personalized feedback | NA (provider-focused intervention) | Staff educational training and mailed, printed personalized feedback, letters and self-help booklets | Primary care clinic | Medical doctors | Delivered part | UC |
| Kaner, 2013186  Screening and Intervention Programme for Sensible drinking (SIPS) | IG1 | Brief advice + brief lifestyle counseling | Extended Multiple | One 5-min brief advice session followed by one 20-min brief lifestyle counseling session | Primary care clinic | Medical doctors, nursing professionals | NR | UC |
| IG2 | Brief advice | Very Brief | One 5-min brief advice session | Primary care clinic | Medical doctors, nursing professionals | NR | UC |
| Maisto, 2001163 | IG1 | Motivational enhancement | Extended Multiple | One 30- to 45-min ME session followed by two 15- to 20-min followup booster sessions | Primary care clinic | Interventionist | None | UC |
| IG2 | Brief advice | Brief Single | One 10- to 15-min brief advice session | Primary care clinic | Interventionist | None | UC |
| Ockene, 1999165 | IG1 | PCP-delivered counseling | Brief Single | One to two 5- to 10-min patient-centered counseling session with PCP | Primary care clinic | Medical doctors | Delivered most/all | Minimal |
| Richmond, 1995175 | IG1 | Physician-delivered counseling (Alcoholscreen Program Group) | Extended Multiple | Five physician-delivered counseling sessions of varying length | Primary care clinic | Medical doctors | Delivered most/all | None |
| **Adults** | Richmond, 1995175 | IG2 | Physician-delivered brief advice | Very Brief | One 5 min physician-delivered brief advice session | Primary care clinic | Medical doctors | Delivered most/all | None |
| Rose, 2017245 | IG1 | Brief Interactive Voice Response | Very Brief | One 6.2-min (median) Interactive Voice Recognition session via phone | Home | Self-directed | None | None |
| Rubio, 2010168 | IG1 | Physician-delivered brief counseling | Brief Multiple | 2 10- to 15-min physician-delivered counseling sessions followed by two nurse contacts | Primary care clinic | Medical doctors, nursing professionals | Delivered most/all | UC |
| Saitz, 2003169 | IG1 | Physician-delivered brief intervention | Very Brief | One physician-delivered brief intervention | Primary care clinic | Medical doctors | Delivered most/all | None |
| Schulz, 2013228 | IG1 | Web-based personalized feedback (alternating advice) | Brief Multiple | Three web-based personalized feedback sessions | Home | Self-directed | None | WL |
| IG2 | Web-based personalized feedback (advice  all at once) | Brief Multiple | Three web-based personalized feedback sessions | Home | Self-directed | None | WL |
| Scott, 1990171 | IG1 | Physician-delivered personalized feedback | Brief Single | One 10-min personalized feedback session with PCP | Primary care clinic | Medical doctors | Delivered most/all | None |
| **Adults** | Senft, 1997172 | IG1 | Brief counseling | Brief Multiple | One 30-sec message from primary care clinician and one 15-min counseling session from health counselor | Primary care clinic | Medical doctors, nursing professionals, health educators | Delivered part | None |
| Upshur, 2015218  Project RENEWAL | IG1 | Chronic care model | Extended Multiple | 1 brief intervention session with PCP followed by 4-6 appointments with PCP and at least 15 phone or in-person sessions with care manager | Primary care clinic | Medical doctors, social work professionals | Delivered part | UC |
| Wallace, 1988174 | IG1 | One physician-delivered personalized feedback session and up to four followup sessions with physician | Brief Multiple |  | Primary care clinic | Medical doctors | Delivered most/all | UC |
| Watkins, 2017246 | IG1 | Collaborative care (registry, regular assessment, adherence support) plus training for behavioral therapists and MDs for medication-assisted treatment | Extended Multiple |  | Primary care clinic | Medical doctors, mental or behavioral health specialists, social work professionals | Delivered part | UC |
| **Older adults** | Wilson, 2014224 | IG1 | Personalized feedback | Very Brief | One 5-min personalized feedback session | Primary care clinic | Research staff | None | UC |
| **Older adults** | Ettner, 2014183  Project SHARE | IG1 | Educational intervention | Brief Multiple | Two personalized mailings, reviewed at routine visits with PCP, and three health educator calls | Primary care clinic, home | Medical doctors, health educators | Delivered part | UC |
| Fleming, 1999157  Project GOAL (Guiding Older Adult Lifestyles) | IG1 | Physician-delivered brief intervention | Brief Multiple | Two 10- to 15-min physician-delivered counseling sessions and two clinic nurse followup calls | Primary care clinic | Medical doctors, nursing professionals | Delivered most/all | AC |
| Moore, 2010176  Healthy Living As You Age (HLAYA) | IG1 | Physician-delivered personalized feedback plus health education | Extended Multiple | One physician-delivered personalized feedback session followed by one 40-min health educator call and two 20-min health educator calls | Primary care clinic, Home | Medical doctors, health educators | Delivered part | Minimal |
| Watson, 2013230 | IG1 | Stepped care | Extended Multiple | Stepped care: one 20-min counseling session with followup phone call; as needed, three 40-min sessions, referral to specialist | Primary care clinic | Nursing professionals, mental or behavioral health specialists, research staff | None | Minimal |
| **Pregnant women** | Chang, 1999181 | IG1 | Physician-delivered counseling | Extended Single | One 45-min physician-delivered counseling session | Prenatal, reproductive or OBGYN clinic | Medical doctors | NR | None |
| Chang, 2005191 | IG1 | Partner-enhanced brief intervention | Extended Single | One 25-min partner-enhanced brief intervention | Prenatal, reproductive or OBGYN clinic | Nursing professionals, Research staff | NR | None |
| **Pregnant women** | O'Connor, 2007202 | IG1 | Brief intervention | Brief Single | One brief intervention session | Community-based | Nutritionists | None | UC |
| Ondersma, 2015217 | IG1 | Computer-delivered brief intervention (e-SBI) plus tailored mailings | Extended Multiple | One 20-min web-based intervention with three subsequent tailored mailings | Prenatal, reproductive or OBGYN clinic, Home | Self-directed | None | AC |
| Osterman, 2014221 | IG1 | Motivational interviewing | Extended Single | One 30-min motivational interviewing session | Prenatal, reproductive or OBGYN clinic | Research staff | None | None |
| Reynolds, 1995203 | IG1 | Brief counseling and self-help | Brief Multiple | One 10-min health educator delivered brief counseling session plus self-help manual and one followup call to assess progress | Prenatal, reproductive or OBGYN clinic, Home | Health educators | None | UC |
| Rubio, 2014184 | IG1 | Brief motivational enhancement | Extended Multiple | Four 10- to 15-min in-person prenatal motivational interview sessions and one 10- to 30-min postpartum in person motivational interview sessions | Prenatal, reproductive or OBGYN clinic | Nursing professionals, lay counselors | NR | UC |
| **Postpartum women** | Tzilos, 2011235 | IG1 | Computer-delivered motivational intervention | Extended Single | One 15- to 20-min computer-based motivational intervention | Prenatal, reproductive or OBGYN clinic | Self-directed | None | AC |
| van der Wulp, 2014222 | IG1 | Health counseling | Brief Multiple | Three midwife-delivered counseling sessions | Prenatal, reproductive or OBGYN clinic | Midwives | None | UC |
| IG2 | Web-based feedback | Brief Multiple | Three web-based personalized feedback sessions | Home | Self-directed | None | UC |
| Fleming, 2008158 | IG1 | Brief alcohol intervention | Brief Multiple | Two 15-min in-person counseling sessions with a workbook and followup phone calls after each session | Prenatal, reproductive or OBGYN clinic, Home | Nursing professionals, interventionist | NR | AC |
| Ondersma, 2016212 | IG1 | Electronic screening and brief intervention (e-SBI) | Extended Single | One 20-min web-based brief interview session | Prenatal, reproductive or OBGYN clinic | Self-directed | None | AC |

**Abbreviations**: AC = attention control; BASICS = Brief Alcohol Screening And Intervention For College Students; DRAMS = Drink Reasonably And Moderately With Self-Control; e-SBI = electronic screening and brief intervention; FRAMES = Feedback, Responsibility, Advice, Menu of Options, Empathy, Self-efficacy; IG = intervention group; Int = intervention; MI = motivational interviewing; NR = not reported; OBGYN = obstetrics and gynecology; PCP = primary care provider; SHEAR = Sexual Health and Excessive Alcohol: Randomized trial; TLFB = Timeline Followback Method Assessment; UC = usual care; WL = waitlist