

# Combining Motivational Interviewing and Cognitive Bias Modification Training for Substances in Detained Youth

Hans S. van der Baan, PhD , Annematt L. Collot D'Escury-Koenigs, PhD ,  
Raoul P.P.P. Grasman, PhD , Gerard M. Schippers, PhD , Reinout W. Wiers, PhD 

**Objective:** Motivation is considered a key factor in successful treatment. Unfortunately, detained youth typically show lower motivation for treatment and behavioral change. This pilot study examined the effects of a brief Motivational Interviewing (MI) protocol in conjunction with a Cognitive Bias Modification (CBM) intervention aimed at reducing substance use in detained youth.

**Method:** An MI protocol for adult parolees was adapted for adolescents. A total of 52 detained youth received the MI intervention, aimed at enhancing their insights into their substance use and its potential relation with their offenses, plus substance use treatment. These youth were matched with controls from similar populations who received the same CBM without MI.

**Results:** Changes in motivation over time were examined with a repeated-measures analysis of variance. Results showed no change in motivation over time, nor a significant effect of condition (MI vs no MI).

**Conclusion:** Although application of the MI protocol was feasible, no effect was found on motivation, in contrast to the original adult-focused protocol. Certain core facets of the original protocol, such as client reflection on their history of substance use, may be less applicable to detained youth whose use history is relatively brief. The severity of their substance use behavior should also be taken into account in any future applications.

**Plain language summary:** Motivational interviewing (MI) is an evidence-based method to increase behavioral change and treatment engagement. In this study, 52 detained youth received a 6-session MI protocol in addition to a cognitive bias modification (CBM) intervention targeting substance use, and they were matched with controls from a prior study where youth received CBM only. Neither group showed a change in motivation. These findings suggest that future MI-based interventions should consider the needs and developmental stages of youths with substance use.

**Key words:** young offenders; motivational interviewing; substances

JAACAP Open 2024;2(4):301-310. 

**C**lient motivation plays a pivotal role in mental health treatment,<sup>1-3</sup> being predictive of treatment retention and outcomes.<sup>4-7</sup> Creating and sustaining motivation is a recurring challenge for practitioners, particularly in forensic settings. Involuntary treatment is considered less effective,<sup>8-10</sup> yet successful treatment in forensic populations is greatly beneficial, both to the individual and to society. This is particularly true with detained youth,<sup>11</sup> who may potentially desist from continued involvement with the legal system. Motivation in detained youth is therefore of primary consideration for clinicians in treatment planning,<sup>12</sup> and effective motivation enhancement is needed.

Detained youth are often assumed to have little motivation for their treatment.<sup>13</sup> Optimally, motivation for engaging in treatment and/or behavioral change should be intrinsic or autonomous.<sup>14</sup> Adolescents in general derive motivation from personal relevance and perceived effects on social status, rather than long-term societal benefits.<sup>15,16</sup>

Detained youth typically have little to no autonomy in the decision to be treated or in the treatment selection. Unlike typical clinical populations, they have not arrived at treatment after a process of deliberation or because of problem recognition. Treatment initiation is highly controlled and engagement enforced extrinsically, as cooperation is often linked to privileges (or lack thereof) during detention. Moreover, their direct peers are other detained youth who may not react positively to cooperation with authority. This has a negative impact on motivation in what is already a suboptimal treatment environment.<sup>17</sup>

The most common conceptualization of motivation in clinical context is the Trans-theoretical Model (TTM)<sup>18</sup> of behavior change. The TTM sees motivation both as the initial motivation at treatment commencement and as a continuous factor throughout the process, as clients progress through 6 sequential stages. The first stage is Pre-contemplation, in which individuals do not intend to take action toward behavior change, at least not in the next 6

# Enhanced Effects Of Combined Cognitive Bias Modification

**Raffaella Di Napoli**



## **Enhanced Effects Of Combined Cognitive Bias Modification:**

Delve into the emotional tapestry woven by Crafted by in Experience **Enhanced Effects Of Combined Cognitive Bias Modification** . This ebook, available for download in a PDF format ( Download in PDF: \*), is more than just words on a page; it's a journey of connection and profound emotion. Immerse yourself in narratives that tug at your heartstrings. Download now to experience the pulse of each page and let your emotions run wild.

<https://matrix.jamesarcher.co/files/uploaded-files/default.aspx/law%20economics%20and%20finance%20of%20the%20real%20estate%20market%20a%20perspective%20of%20hong%20kong%20and%20singapore%20springerbriefs%20in%20economics.pdf>

## **Table of Contents Enhanced Effects Of Combined Cognitive Bias Modification**

1. Understanding the eBook Enhanced Effects Of Combined Cognitive Bias Modification
  - The Rise of Digital Reading Enhanced Effects Of Combined Cognitive Bias Modification
  - Advantages of eBooks Over Traditional Books
2. Identifying Enhanced Effects Of Combined Cognitive Bias Modification
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Enhanced Effects Of Combined Cognitive Bias Modification
  - User-Friendly Interface
4. Exploring eBook Recommendations from Enhanced Effects Of Combined Cognitive Bias Modification
  - Personalized Recommendations
  - Enhanced Effects Of Combined Cognitive Bias Modification User Reviews and Ratings
  - Enhanced Effects Of Combined Cognitive Bias Modification and Bestseller Lists
5. Accessing Enhanced Effects Of Combined Cognitive Bias Modification Free and Paid eBooks
  - Enhanced Effects Of Combined Cognitive Bias Modification Public Domain eBooks

- Enhanced Effects Of Combined Cognitive Bias Modification eBook Subscription Services
- Enhanced Effects Of Combined Cognitive Bias Modification Budget-Friendly Options
- 6. Navigating Enhanced Effects Of Combined Cognitive Bias Modification eBook Formats
  - ePub, PDF, MOBI, and More
  - Enhanced Effects Of Combined Cognitive Bias Modification Compatibility with Devices
  - Enhanced Effects Of Combined Cognitive Bias Modification Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Enhanced Effects Of Combined Cognitive Bias Modification
  - Highlighting and Note-Taking Enhanced Effects Of Combined Cognitive Bias Modification
  - Interactive Elements Enhanced Effects Of Combined Cognitive Bias Modification
- 8. Staying Engaged with Enhanced Effects Of Combined Cognitive Bias Modification
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Enhanced Effects Of Combined Cognitive Bias Modification
- 9. Balancing eBooks and Physical Books Enhanced Effects Of Combined Cognitive Bias Modification
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Enhanced Effects Of Combined Cognitive Bias Modification
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Enhanced Effects Of Combined Cognitive Bias Modification
  - Setting Reading Goals Enhanced Effects Of Combined Cognitive Bias Modification
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Enhanced Effects Of Combined Cognitive Bias Modification
  - Fact-Checking eBook Content of Enhanced Effects Of Combined Cognitive Bias Modification
  - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development
  - Exploring Educational eBooks

### 14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

### **Enhanced Effects Of Combined Cognitive Bias Modification Introduction**

In today's digital age, the availability of Enhanced Effects Of Combined Cognitive Bias Modification books and manuals for download has revolutionized the way we access information. Gone are the days of physically flipping through pages and carrying heavy textbooks or manuals. With just a few clicks, we can now access a wealth of knowledge from the comfort of our own homes or on the go. This article will explore the advantages of Enhanced Effects Of Combined Cognitive Bias Modification books and manuals for download, along with some popular platforms that offer these resources. One of the significant advantages of Enhanced Effects Of Combined Cognitive Bias Modification books and manuals for download is the cost-saving aspect. Traditional books and manuals can be costly, especially if you need to purchase several of them for educational or professional purposes. By accessing Enhanced Effects Of Combined Cognitive Bias Modification versions, you eliminate the need to spend money on physical copies. This not only saves you money but also reduces the environmental impact associated with book production and transportation. Furthermore, Enhanced Effects Of Combined Cognitive Bias Modification books and manuals for download are incredibly convenient. With just a computer or smartphone and an internet connection, you can access a vast library of resources on any subject imaginable. Whether you're a student looking for textbooks, a professional seeking industry-specific manuals, or someone interested in self-improvement, these digital resources provide an efficient and accessible means of acquiring knowledge. Moreover, PDF books and manuals offer a range of benefits compared to other digital formats. PDF files are designed to retain their formatting regardless of the device used to open them. This ensures that the content appears exactly as intended by the author, with no loss of formatting or missing graphics. Additionally, PDF files can be easily annotated, bookmarked, and searched for specific terms, making them highly practical for studying or referencing. When it comes to accessing Enhanced Effects Of Combined Cognitive Bias Modification books and manuals, several platforms offer an extensive collection of resources. One such platform is Project Gutenberg, a nonprofit organization that provides over 60,000 free eBooks. These books are primarily in the public domain, meaning they can be freely distributed and downloaded. Project Gutenberg offers a wide range of classic literature, making it an excellent resource for literature enthusiasts. Another popular platform for Enhanced Effects Of Combined Cognitive Bias Modification books and manuals is Open Library. Open Library is an initiative of the Internet Archive, a non-profit organization dedicated to digitizing cultural artifacts and making them accessible to the public. Open Library hosts millions of books, including both public domain works and contemporary titles. It also allows users to borrow digital copies of certain books for a limited

period, similar to a library lending system. Additionally, many universities and educational institutions have their own digital libraries that provide free access to PDF books and manuals. These libraries often offer academic texts, research papers, and technical manuals, making them invaluable resources for students and researchers. Some notable examples include MIT OpenCourseWare, which offers free access to course materials from the Massachusetts Institute of Technology, and the Digital Public Library of America, which provides a vast collection of digitized books and historical documents. In conclusion, Enhanced Effects Of Combined Cognitive Bias Modification books and manuals for download have transformed the way we access information. They provide a cost-effective and convenient means of acquiring knowledge, offering the ability to access a vast library of resources at our fingertips. With platforms like Project Gutenberg, Open Library, and various digital libraries offered by educational institutions, we have access to an ever-expanding collection of books and manuals. Whether for educational, professional, or personal purposes, these digital resources serve as valuable tools for continuous learning and self-improvement. So why not take advantage of the vast world of Enhanced Effects Of Combined Cognitive Bias Modification books and manuals for download and embark on your journey of knowledge?

### **FAQs About Enhanced Effects Of Combined Cognitive Bias Modification Books**

1. Where can I buy Enhanced Effects Of Combined Cognitive Bias Modification books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Enhanced Effects Of Combined Cognitive Bias Modification book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Enhanced Effects Of Combined Cognitive Bias Modification books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.

6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
7. What are Enhanced Effects Of Combined Cognitive Bias Modification audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
10. Can I read Enhanced Effects Of Combined Cognitive Bias Modification books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

### **Find Enhanced Effects Of Combined Cognitive Bias Modification :**

**law economics and finance of the real estate market a perspective of hong kong and singapore springerbriefs in economics**

[lecture 05 computer architecture nand2tetris](#)

[lecture notes on construction project management](#)

**linear circuit analysis decarlo lin 2nd edition**

[libro oro de los crucigramas](#)

**linear algebra with applications 8th edition leon solutions**

*lensatic compass or military compass basic use*

[libro nacho dominicano gratis](#)

**leveraging wmi scripting using windows management instrumentation to solve windows management problems  
hp technologies**

**lezioni di teoria musicale liceo attilio bertolucci**

**letters to a spiritual seeker henry david thoreau**

**letters memos e mail and other brief messages**

[linguistic guide to english poetry](#)

**libri da scaricare utorrent**

[lathe machine questions and answers](#)

### **Enhanced Effects Of Combined Cognitive Bias Modification :**

The Four Pillars of Investing: Lessons... by Bernstein, William The Four Pillars of Investing: Lessons... by Bernstein, William The Four Pillars of Investing:... by William J. Bernstein Bernstein outlines the four pillars necessary to set up an effective investment strategy; investment theory, history, psychology and the business of investing. The Four Pillars of Investing: Lessons for Building a ... The classic guide to constructing a solid portfolio—without a financial advisor! “With relatively little effort, you can design and assemble an investment ... The Four Pillars of Investing: Lessons for Building a ... The book presents the Four Pillars of Investing, then shows how to use the pillars to assemble a portfolio. Pillar 1: Investment Theory • High returns require ... The Four Pillars of Investing : Lessons for Building a ... The Four Pillars of Investing : Lessons for Building a Winning Portfolio by William J. Bernstein (2002, Hardcover). The Four Pillars of Investing: Lessons for Building a Winning ... The classic guide to constructing a solid portfolio--without a financial advisor ""With relatively little effort, you can design and assemble an investment ... Four Pillars of Investing: Lessons for Building a Winning Po by ... Author: William Bernstein ISBN 10: 0071747052. Title: Four Pillars of Investing: Lessons for Building a Winning Po Item Condition: New. The Four Pillars of Investing: Lessons for Building ... Practical investing advice based on fascinating history lessons from the market · Exercises to determine risk tolerance as an investor · An easy-to-understand ... The Four Pillars of Investing, Second Edition The Four Pillars of Investing, Second Edition: Lessons for Building a Winning Po. NWT. William Bernstein. \$28 \$43. Discounted Shipping. Size. Hardcover. Journeys Reading Program | K-6 English Language Arts ... With Journeys, readers are inspired by authentic, award-winning text, becoming confident that they are building necessary skills . Order from HMH today! Unit 2 Journeys 6th Grade Anthology Reading Series 'I have, Who Has' is a game designed for students to practice vocabulary. The number of cards for each story varies depending on vocabulary and concepts covered ... Journeys 6th grade lesson 5 This supplemental pack is aligned to the Journeys 2011/2012, 2014, and 2017 curriculum for 6th grade . This Journeys Grade 6 ... Student Edition Grade 6 2017 (Journeys) Student Edition Grade 6 2017 (Journeys) ; Language, English ; Hardcover, 792 pages ; ISBN-10, 0544847032 ; ISBN-13, 978-0544847033 ; Reading age, 11 - 12 years. Journeys Student E-Books – BVM School Darby Sep 21, 2023 — Journeys Student E-Books · Classrooms · 1ST GRADE · 2ND GRADE · 3RD GRADE · 4TH GRADE · 5TH GRADE · 6TH GRADE · 7TH GRADE · 8TH GRADE ... Free Journeys Reading Resources Oct 31, 2023 — Free Journeys reading program ebooks, leveled readers, writing handbooks, readers notebooks, and close readers.

Student and teacher ... All Alone in the Universe Journeys 6th Grade - YouTube Journeys (2017) Feb 9, 2017 — 2017. 2017 Journeys Student Edition Grade 6 Volume 1, 978-0-544-84740 ... 6th Grade 6th Grade. 6th Grade. Showing: Overview · K · 1 · 2 · 3 · 4 ... 6th Grade anthology 2022 bethune.pdf Introduction. The work in this anthology was written by 6th graders in Ms. Uter and Ms. Inzana's ELA class during the 2021-2022 school. Fiber Optic Communications 5th Edition Palais Solutions ... Feb 20, 2019 — Full download : <https://goo.gl/9WcKeQ> Fiber Optic Communications 5th Edition Palais Solutions Manual, Fiber Optic Communications, Palais ... Solution Manual Optical Fiber Communication 3rd Ed | PDF Solution Manual Optical Fiber Communication 3rd Ed. Uploaded by. Nannapaneni Vamsi. 0 ratings 0% found this document useful (0 votes). 2K views. 6 pages. Fiber Optic Communications 5th Edition Palais Solutions ... Full Download Fiber Optic Communications 5th Edition Palais Solutions Manual - Free download as PDF File (.pdf), Text File (.txt) or read online for free. Fiber Optic Communications Palais Solution Manual Fiber Optic Communications Palais Solution. Manual. Community Blog page- Katy Texas - [www.katymagazine.com](http://www.katymagazine.com). The African film Industry: trends, challenges and ... Solutions Manual to Accompany Fiber Optic Communications Fiber Optic Communications, for classroom use. It contains solutions to all ... [www.fulton.asu.edu/~palais](http://www.fulton.asu.edu/~palais). I have tried to prepare a solutions manual and ... Joseph C Palais Solutions Find Joseph C Palais solutions at Chegg.com now ... Fiber Optic Communications 5th Edition 0 Problems solved, Joseph C. Palais. Optical fiber communication solution manual Optical fiber communication solution manual. by thomas joseph. Problem ... This file contains questions alongwith answer related to laser, fiber optics and ... Hand Book Fiber Optic Communications by Joseph C. ... REFERENCE BOOK: 1. Fiber optic communication - Joseph C Palais: 4th Edition, Pearson Education. CITSTUDENTS.IN Page 2. Optical fiber communication solutio manual- Fiber optic communication by J.C. Palais Nov 28, 2010 — hey .. i need the solution manual of Fiber Optic communication by Jospeh C.Palais 2/E .. I am unable to solve few questions from the exercise .. Hand Book Fiber Optic Communications by Joseph C. ... There is a solution which eliminates many of these problems. The solution is optical fibre cable communication. Due to its speed, data securing capacity and ...