

# Evaluating individual psychological rehabilitation of offenders.

## Part 2: Recidivism rate after intervention and assessment.



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# Evaluating individual psychological rehabilitation of offenders.

## Part 2: Recidivism rate after intervention and assessment.

1. Background
2. Aim
3. Method
4. Results
5. Discussion / Conclusions



# 1. Background

Germany has a long tradition of the rehabilitation for traffic offenders.

(Winkler, 1963; Schneider, 1966; Spoerer, 1972, ...)

For 60 years the Medical Psychological Assessment (MPA) has been an important method to assess driver's requirements for a safe driving in Germany.





**AFN**

**Gesellschaft für Ausbildung, Fortbildung und Nachschulung e. V.**

**Association for Education, Advanced Training and Further Education**

- **Development and implementation of rehabilitation programs for traffic offenders**
- **traffic psychological research**



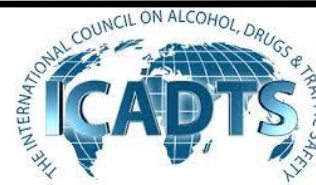
# AFN



**Headquarters: Cologne**

**Offices: Dresden and Bremen**

- **80 psychologists**
- **Seminars, courses and individual treatments**
- **provided in more than 60 cities**
- **founded in 1978**
- **more than 100.000 successful participants**



## 2. Aim

**Offenders, willing (voluntary) to restore their fitness can be expertly guided by a traffic psychologist.**

**They have to realize the whole extend of their problems (alcohol, drugs, speeding, etc.) and implement constructive and sustainable changes in their attitude and behavior.**

**AFN has developed a traffic psychological rehabilitation method.**

**This method we have evaluated in our clinic on the basis**

- a) of MPA results between 2013 and 2017.**
- b) of the recidivism rate over a period of 3 years (clients 2013 – 2015)**



### 3. Method

The AFN developed a “traffic psychological therapy” based on Alfred Adler's Individual Psychology (IP).

Our Traffic Psychological Therapy:  
focal lifestyle analysis (each participant revises the background of his own individual problem)





# Methods of individual psychological rehabilitation:

- **Survey of drinking habits / drug habits / criminal behavior**
- **Description of problems (alcohol / drugs / crime)**
- **Family constellations**
- **curriculum vitae**
- **external assessment**
- **childhood memory**
- **projective methods**



# Process of the therapy

**Preliminary: 1 hour**



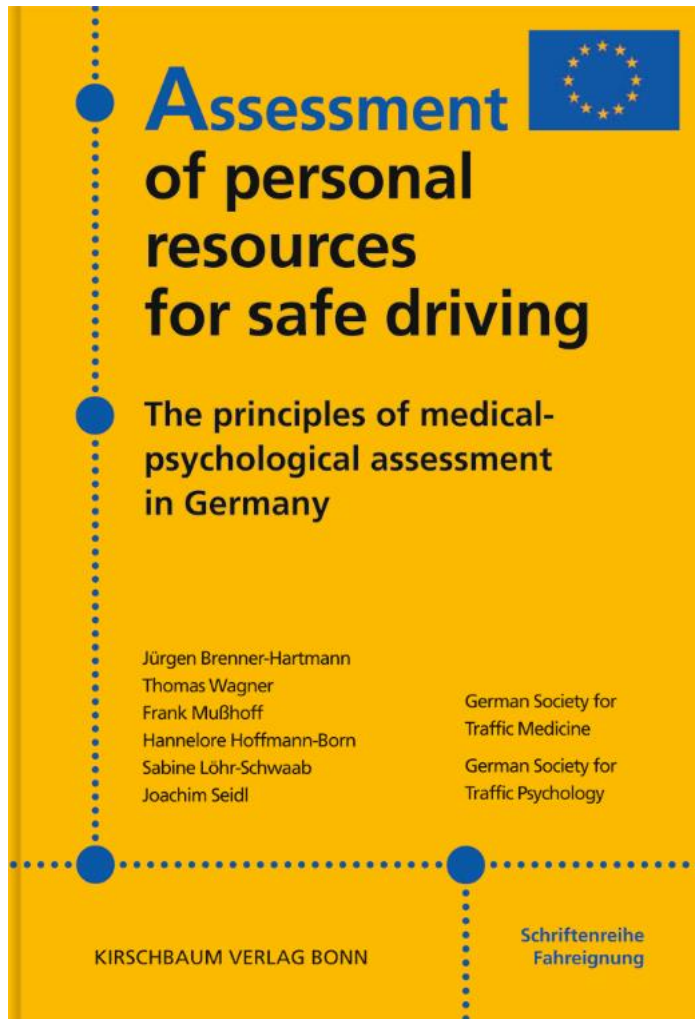
**Rehabilitation measure:  
"Traffic Psychological Therapy"  
(At least 6 months)**

**Individual sessions  
at least 10 hours**

**or**

**Group sessions  
3 x 6 = 18 hours  
4 participants**





## MPU

# "Medizinisch-Psychologische Untersuchung" Medical Psychological Assessment (MPA)

Brenner-Hartmann, J., Wagner, T., Mußhoff, F., Hoffmann-Born, H., Löhr-Schwab, S., & Seidl, J. (2014).

*Assessment of personal resources for safe driving.  
The principals of medical psychological assessment in  
Germany.*

Bonn: Kirschbaum.

ISBN: 978-3-7812-1923-6

Download: [http://traffic-psychology-international.eu/wp-content/uploads/2017/05/1923\\_Assessment-of-personal E Book web.pdf](http://traffic-psychology-international.eu/wp-content/uploads/2017/05/1923_Assessment-of-personal-E-Book-web.pdf)



# MPA (Medical Psychological Assessment)

## Medical Examination

1. Med. history
2. Physical examination
3. Laboratory analyses

## Psychological performance test

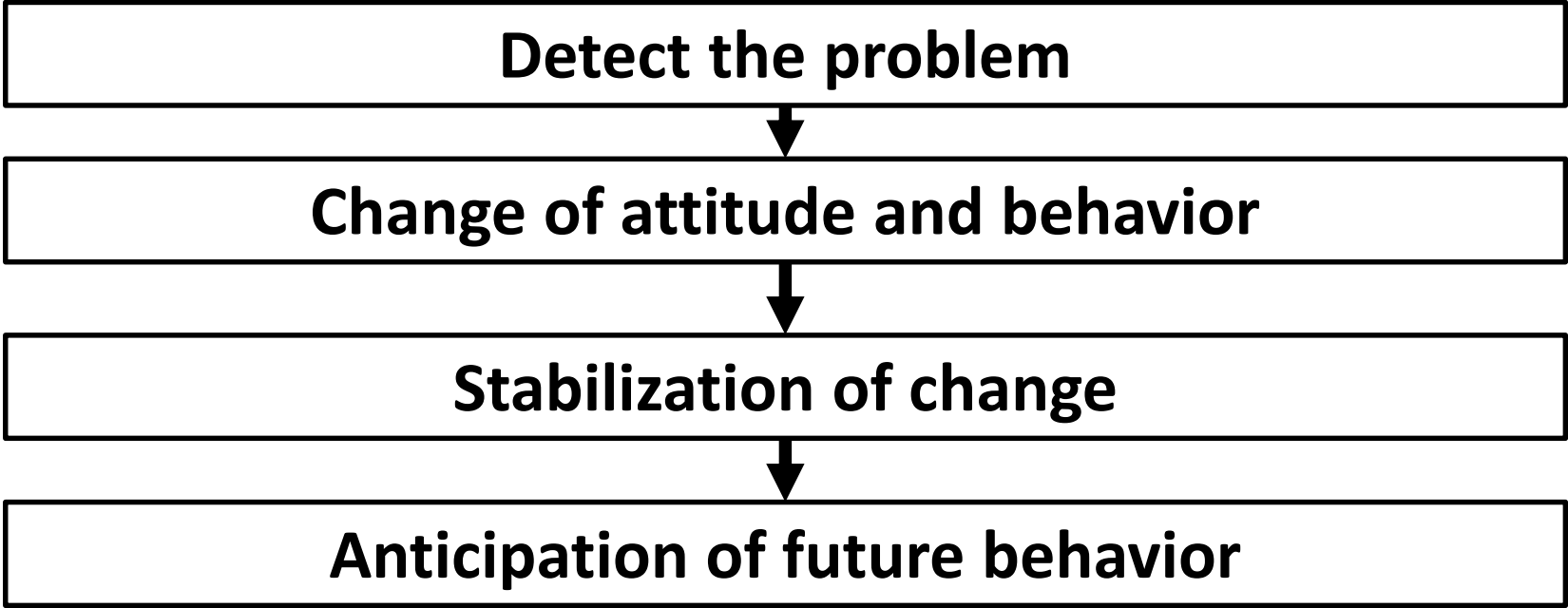
1. Reaction capacity
2. Visual perception
3. Concentration

## Psychological Interview

1. Warming-up phase
2. Collection of biographical data
3. Report on the traffic offenses
4. Evaluation of offense-relevant behavior and attitude changes

Evaluation of the findings by the med. doctor and by the psychologist

# Contents of the Psychological Interview



**DGVP & DGVM (Hrsg.). (2013).  
Urteilsbildung in der Fahreignungsbegutachtung.  
Beurteilungskriterien. 3. Aufl., Bonn: Kirschbaum.  
ISBN: 978-3-7812-1894-9**

alcohol, drugs, traffic offences



voluntary: traffic psychological rehabilitation



mandatory: MPA (medical psychological assessment)

**2018:**

**87.088 MPA in Germany,**

**which represents only 0,2 % of the  
total amount of motorists in this country**

alcohol, drugs, traffic offences

voluntary: traffic psychological rehabilitation

mandatory: MPA (medical psychological assessment)

58 %

positive outcome

5 %

partially neg. outcome  
participation in a driver-  
improvement course

37 %

negative outcome

readmission of the driver license

## 4. Results of our evaluation

### a) criterion MPU

**384 subjects took part in the evaluation.**

**They completed the rehabilitation between 2013 and 2017.**

**13 clients with double questions (alcohol + drugs/ alcohol + speeding)  
therefore a total of 397 MPA**





alcohol, drugs, traffic offences

voluntary: traffic psychological rehabilitation

mandatory: MPA (medical psychological assessment)

positive outcome

partially neg. outcome

negative outcome

Germany total: 58 %

5 %

37 %

Results of our evaluation:

86 %

8 %

6 %

	alcohol	drugs	traffic offences	Σ
2013	44	12	12	68
2014	59	8	15	82
2015	59	9	5	73
2016	63	11	15	89
2017	60	11	14	85
Σ	285	51	61	397
	72 %	13 %	15 %	100 %

Specific reason of MPA

## 4. Results of our evaluation

### b) the recidivism rate

We define a relevant relapse in the criterion of legal currency:

- in the case of an alcohol question: another alcohol offense
- in the case of a drug question: a new drug offence or alcohol offense
- for questions relating to traffic law: renewed driving disqualification due to general traffic offenses.

- **Of the 219 clients between 2013 and 2015, only 5 persons relapsed:**
  - 4 persons, caught drunk-driving
  - 1 person that was caught under the influence of drugs, committed an alcohol offense
- **The rate of recidivism is 2,3 % within 3 years**
- **There are 97,7 % of 219 clients without relapse**



## 5. Discussion / Conclusions

Traffic psychological therapy is a good way to restore driver fitness

- 94 % obtained a positive result in the MPA
- 97,7 % without relapse within 3 years

Next step:

Verify the results over the next 3 years by monitoring relapses of the clients between 2016 and 2018

See you again in ..... **T2022** !?



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**We thank you for your attention**



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