

EASA updates in Aviation Medicine



ICAO EUR/MID AvMed Workshop

20.05.2025

Dr Cristian PANAIT
EASA Medical Expert

Your safety is our mission.

An Agency of the European Union 

Presentation overview

General information

EASA Research Activity

AvMed survey results

Rulemaking update

Support programmes

General information

EASA FS3.1 Medical experts



Dr med Janis Vegers



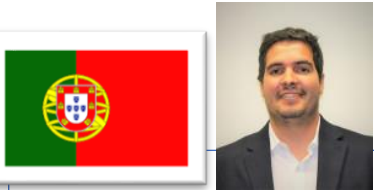
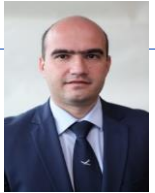
Dr med Virgilijus Valentukevicius



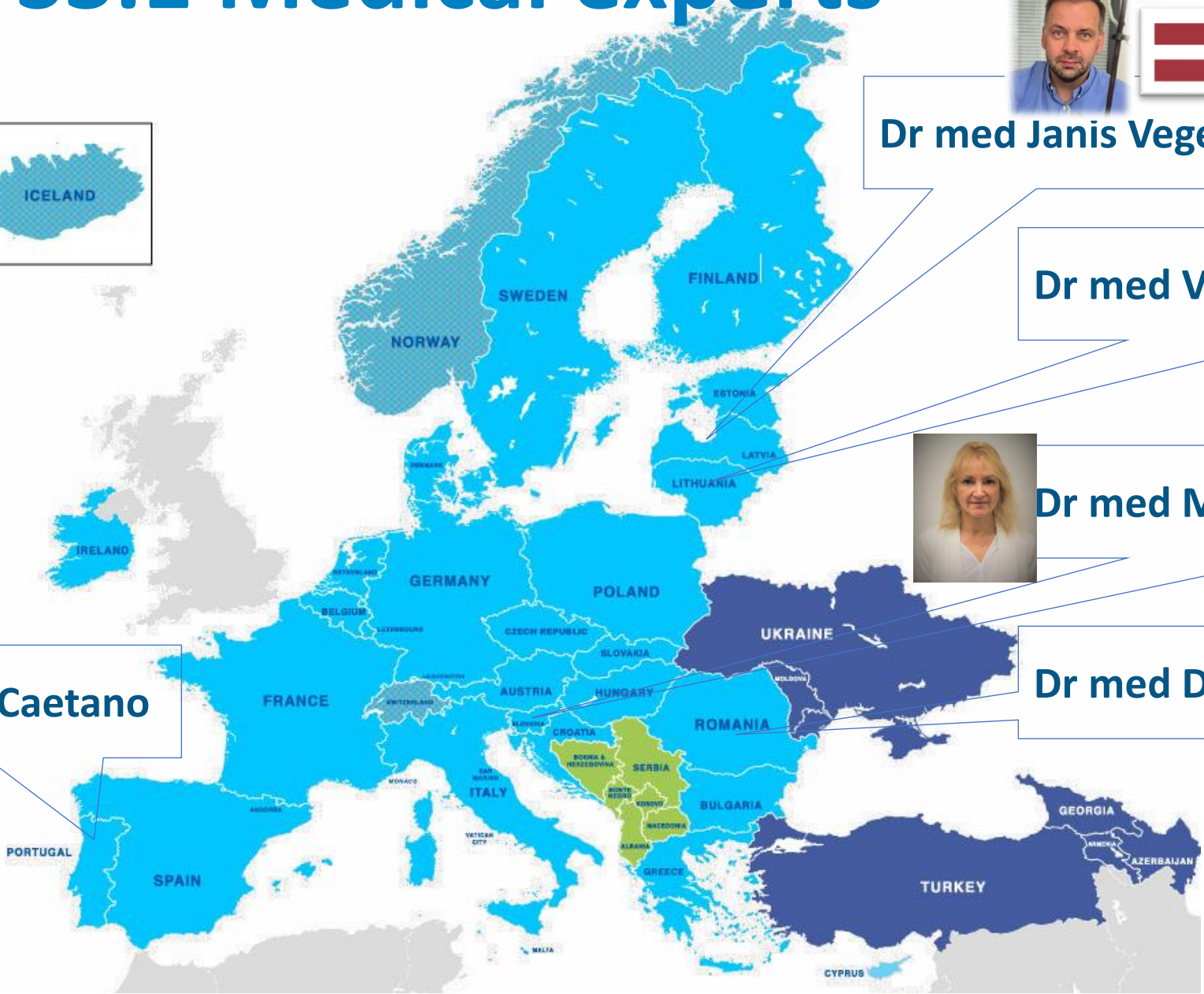
Dr med Mateja Kotnik Kerbev



Dr med Dr Cristian Ionut Panait



Dr med Pedro Caetano

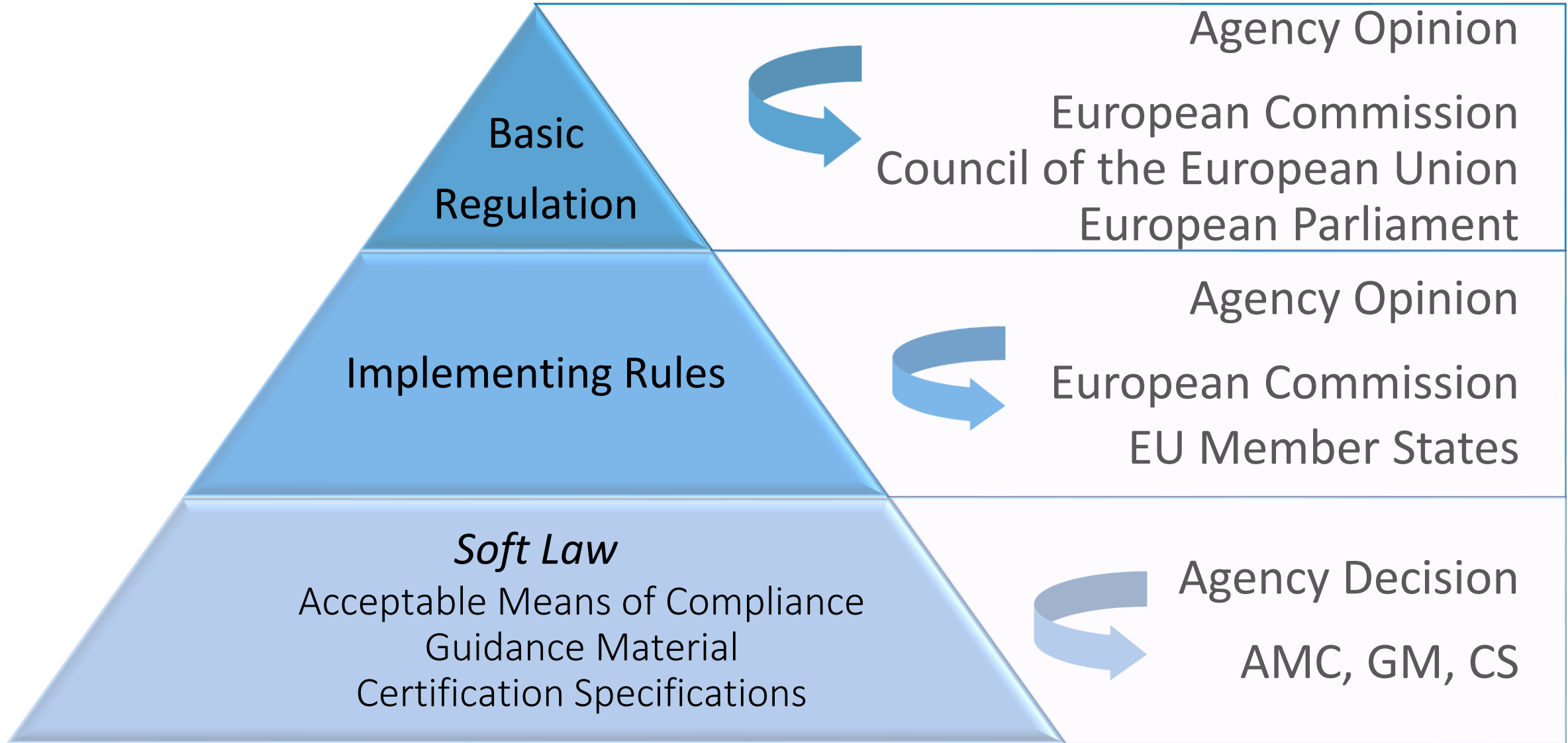


Principles

- ✈ Main principles are:
 - ✈ Freedom of movement
 - ✈ Mutual recognition
 - ✈ Equal level of safety
 - ✈ Equal treatment of aircrew and ATCOs throughout EU



Regulatory Structure



European Plan for Aviation Safety (EPAS) 2025-2027

→ Includes

- RMT.0424
- RMT.0707
- RES.0058 – Colour vision requirements in the new full glass cockpit environment and modern ATCO consoles
- RES.0060 – Pilot and ATCO aero-medical fitness – Cardiology
- RES.0061 – Pilot and ATCO aero-medical fitness - Diabetes mellitus
- RES.0057 – New health safety measures in aircraft
- RES.0065 – Higher-airspace operations
- RES.0030 – Cabin air quality - chronic exposure to contamination events
- Published on 21 January 2025 - <https://www.easa.europa.eu/en/document-library/general-publications/european-plan-aviation-safety-epas-2025>

EASA research activity



EASA Research Activities

General information

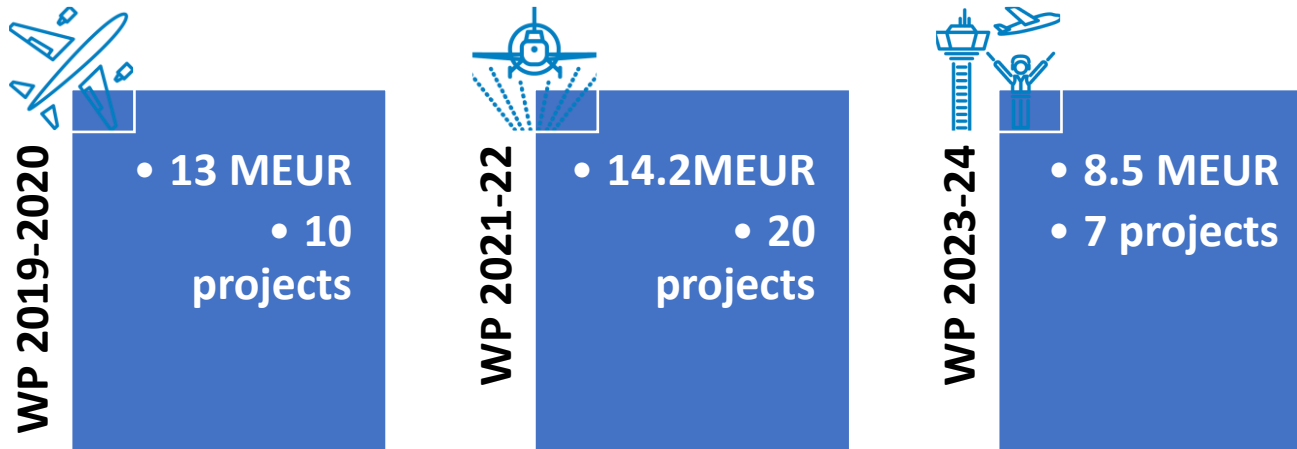
Pilot and ATCO fitness research

Colour vision research

HEALTH research project

HAO MED research project

EASA-managed research projects from Horizon funds



37 projects in research sub-portfolio



Some of EASA Research projects

RWYMT, TRIPLE-ONE

Enhancing runway safety standards through new scientific evidence

FS, MGB, VRS

address rotorcraft safety standards with research on solutions of previous accidents

MLEAP

build up expertise for enabling the approval of safety-relevant artificial intelligence applications

NOISE, EMISSIONS, MbM

Advance sustainability through enhanced regulatory environmental tools

MODEL-SI, VIRTUA, DATAPP

Research on regulatory aspects to enable digital transformation

CaVD, DM, HEALTH, VISION

Addressing and enhancing health standards of critical aviation safety personnel

EASA - research needs



Environment

- New SAF production pathways



Data for Safety

- Future uses cases



ATM / ANS

- Performance of ground equipment, airspace classifications



Security impacting safety

- AI aspects, conflict zones



Health / medical

- Obstructive sleep apnea, **higher airspace operations**



Air operations

- Flight time limitations for emCO



Artificial intelligence

- Human factors



Automation

- Impact on responsibilities flight crew and air traffic controllers



Drones

- BVLOS operations



Proposed EASA research topics for
Horizon Europe Work Programme(s) 2025-2027

Aviation authority needs – proposed as indirect
managed topics



Proposed EASA research topics for
Horizon Europe Work Programme(s) 2025-2027

Aviation

EASA Research Overview

Cardiovascular

Diabetes Mellitus

Vision

Health Aircraft Surfaces

HAO

Pilot and ATCO fitness research

CaVD & Diabetes



Deliverables DIABETES & CaVD-PACE Research Status

- D-4.1/5.1: Report on the incapacitation risk assessment of pilots/ ATCOS, the review of current cardiovascular requirements and re-commendations for upgrading these requirements
- Deliverables 4 / 5: Review Of Existing Aeromedical Safety Regulations And Risks For The Aeromedical Certification Of People With Diabetes



Diabetes Mellitus in Pilot and ATCO aeromedical fitness (DM)



Contractor
Medical University of Graz

Consortium Members
CAA International Limited
Katholieke Universiteit Leuven
University of Surrey

Contract period
26/10/2022 - 27/06/2025

Budget
467 215€

Scan the QR code or click [here](#) to visit the webpage of this project



Main objectives

As medicine is constantly evolving, new diagnostic measures that allow continuous and reliable blood glucose monitoring are currently being developed, as well as new treatments with a less hypoglycaemic profile (artificial pancreas) and automated insulin pumps that allow them to monitor the glucose level and deliver the required insulin dose in an automated way.

However, it is difficult to assess the risk of hypoglycaemia/hyperglycaemia of pilots/ATCOs during the performance of their duties, and the sensors used by the new equipment may be affected by both cabin pressure changes and the cabin environment.

No research studies are yet available to assess the possibility of the safe use of such equipment in the aviation environment in order to alleviate fitness requirements for pilots/ATCOs with such pathology.


This research project aims to bridge this gap by:

- Providing evidence-based recommendations for updating the requirements related to diabetes mellitus in line with the latest medical developments;
- Developing an impact assessment of the recommended amendments;
- Producing guidance material for aeromedical examiners and medical assessors on the updates to the fitness assessment of applicants;
- Generating material to support the management of the proposed amendments (e.g., presentation of the results obtained under this project and training material for professional audiences); and
- Creating risk management promotion material for aeromedical certificate holders to allow them to early detect and self-manage their metabolic risk factors.


Impacts & benefits

If applicable, the research results will support a potential amendment of aeromedical regulations, and alleviate the fitness requirements for pilots and air traffic controllers diagnosed with such pathology.

In addition, the project will deliver guidance and promotion material to manage the proposed amendments, both for aeromedical examiners and medical assessors as well as for aeromedical certificate holders.



CaVD-PACE – New treatments and diagnostic measures for cardiovascular diseases




Contractor
DLR - Deutsches Zentrum für Luft- und Raumfahrt e.V.

Consortium Members
None

Contract period
27/11/2022 - 30/11/2025

Budget
370 045€

Scan the QR code or click [here](#) to visit the webpage of this project



Main objectives

New technologies have been released on the market that provide for improved curative or supportive treatments in terms of medication and supportive equipment (portable or external) that highly improve the quality of life for cardiac patients. Some types of equipment, although performing very well on the ground, are potentially affected by the inflight conditions such as humidity, vibration, pressure, and temperature, which may lead to flight malfunctions (be it a regular flight or the case of sudden cabin decompression).

The objective of this research is to provide:

- evidence-based recommendations for updating the cardiovascular requirements in line with the latest medical developments;
- an impact assessment of the recommended amendments to the cardiovascular requirements;
- guidance material for aeromedical examiners and medical assessors on the updates to the fitness assessment of applicants;
- material to support the management of the proposed amendments (e.g., presentation of the results obtained under this project and training material for professional audiences); and
- risk management promotion material for aeromedical certificate holders to allow them to early detect and self-manage their cardiovascular risk factors (CVRFs).

The study of such types of equipment will have an impact on crew members, particularly on their fitness to perform their duties, but also on passengers that have such devices, even if flying only occasionally. In a similar way, new treatments have been developed to alleviate certain pathological conditions, nevertheless, for some of these treatments the side effects may be further augmented by the cabin environment to the level of making them incompatible with flying. In the case of medication, the issue has a greater impact on the fitness of crew members rather than of occasional passengers.

Impacts & benefits

When applicable, the research results will support a potential amendment of aeromedical regulations, and identify any requirements/potential adjustments that could be made to the risk assessment process by using state-of-the-art diagnostic methods and treatment options.



CaVD-PACE – New treatments and diagnostic measures for cardiovascular diseases



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Consortium Members
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ACCEPTED/PUBLISHED MANUSCRIPTS

Study	Title	Status – Jan 2024	Lead(s)
ARA.MED.330 Safety Evaluation	An Evaluation of the Safety of Pilots With Insulin-Treated Diabetes in Europe Flying Commercial and Noncommercial Aircraft	Original article published in <i>Diabetes Care</i> (2020)	Gillian Garden
ARA.MED.330 Out-of-range study	Blood glucose monitoring by insulin-treated pilots of commercial and private aircraft: An analysis of out-of-range values	Original article published in <i>Diabetes, Obesity and Metabolism</i> (2021)	Gillian Garden
ARA.MED.330 CGM study	Continuous Glucose Monitoring by Insulin-Treated Pilots Flying Commercial Aircraft Within the ARA.MED.330 Diabetes Protocol: A Preliminary Feasibility Study	Brief report published in <i>Diabetes Technology & Therapeutics</i> (2023)	Gillian Garden
Closed-loop hypobaric simulation study	The feasibility of an experimental hypobaric simulation to evaluate the safety of closed-loop insulin delivery systems in flight-related atmospheric pressure changes	Brief report published in <i>Diabetes Technology & Therapeutics</i> (2024)	Ka Siu Fan
Infusion pump hypobaric simulation study	Performance of Fluid Infusion Systems in the Changing Atmospheric Pressures Encountered in Aviation	Original article in press at <i>Aerospace Medicine and Human Performance</i> (2025)	Ka Siu Fan
ARA.MED.330 CSII-MDI observational study	Effects of atmospheric pressure change during flight on insulin pump delivery and glycaemic control of pilots with insulin-treated diabetes: an in vitro simulation and a retrospective observational real-world study	Extended article published in <i>Diabetologia</i> (2024)	Gillian Garden & Ka Siu Fan
Insulin pump hypobaric simulation study			
Pilots' survey on CGM vs SMBG	The practical operation and consequences of glucose measurement by pilots with diabetes	Letter published in <i>Diabetic Medicine</i> (2024)	Ka Siu Fan
CGM flight vs ground hypobaric simulation study	Performance of Continuous Glucose Monitoring against Self-Monitoring Blood Glucose in the changing atmospheric pressures encountered in aviation	Brief Report published in <i>Diabetologia</i> (2025)	Ka Siu Fan

In-flight study

The Use of the Automated Insulin Delivery Systems During Commercial Airplane Flights - a PILOT Study (AID_PILOT)

- Monocentric, comparative, within subject, field, pilot study
- 20 otherwise healthy volunteers with type 1 diabetes experienced in AID
- Mid-haul flight (4-5 hours, Vienna-Reykjavik)
- Inbound – standardized meal
- Outbound – fasted
- Ground phase (for comparing)

- Medtronic MiniMed 780G
- Insulet Omnipod 5
- Tandem Control-IQ or CamAPS FX with Ypsomed YpsoPum
- additional CGM sensors
 - Abbott Libre 3
 - Dexcom G7
 - Medtronic Simplera
not interfering with the AIDs
- Capillary BG measurement

CaVD & Diabetes

Final Dissemination Event
12 – 13 – 14 November
EASA HQ, Cologne

Click on the link below:



**Conference on Advancing Health Management in Aviation:
Diabetes and Cardiovascular Research Insights**



Your safety is our mission.

VISION – Colour vision Research Project



VISION – Colour vision requirements in the new full glass cockpit environment and modern ATCO consoles

- ➔ The project aims to ensure that the colour vision requirements for pilots and ATCOs are appropriate for modern working environments (new design, glass cockpit) and that they are based on the latest scientific evidence.
- ➔ This will help to enhance safety and efficiency in air travel, by ensuring that pilots and ATCOs have the necessary colour vision abilities to perform their duties effectively.
- ➔ Ultimately, the project will support decision-making with regards to regulatory needs pertaining to colour vision assessment for pilots and ATCOs and help to ensure the safety and efficiency of air travel.

Task objectives

TASK 1 – Identify relevant colour coded activities used by pilots and ATCOs in regular performance of their jobs, focus on identifying the safety critical elements in multiple type of flight operations and air traffic control (ATC) activities: assessing several types of equipment in the different lighting conditions, as weather conditions and day/night light.



TASK 2 – Measurements the colour output of each relevant equipment, measurements shall be performed for at least three (3) of the most common manufacturers for each type (3 aircraft cockpit and 3 ATCOs screens).



TASK 3 – Assessment of colour vision needs and analysing potential impact of the external factors, such as specific time of the day/night, ambient light, low visibility conditions or weather conditions, on the perception of colours



TASK 4 – Assessment of the colour vision testing equipment including the review of the state-of-the-art diagnostic methods for colour vision deficiencies aiming at identifying the ones suitable for use as part of aero-medical examination and the diagnostic measures that can differentiate between colour safe and colour unsafe applicants



TASK 5 – Conclusions, recommendations, and impact assessment: draw the overall conclusions of the study, provide recommendations for potential adjustments of the existing provisions and training recommendations for ophthalmologists and aeromedical examiners (AMEs), perform an impact assessment detailing the expected impact of implementing the proposed recommendations.

VISION – current status

- ➔ Call for tenders
 - ➔ Published on 05 December 2023
 - ➔ Deadline to apply 01 March 2024
 - ➔ 3 offers received
- ➔ Assessment of the offers – identified a successful tenderer
 - ➔ Consortium led by Netherlands Aerospace Centre (NLR)
 - ➔ University of South Norway (USN),
 - ➔ the University of Minho (Portugal), and
 - ➔ various AMEs, pilots and ATCOs
- ➔ The contract has been signed on 01 October 2024
- ➔ Study duration – maximum 30 months from the date of the contract signature
- ➔ Kick-off meeting 7th of November 2024
- ➔ First – in person- technical meeting 21 January
- ➔ EASA considering to contract an external expert to support the study on the side of EASA to ensure the quality of deliverables

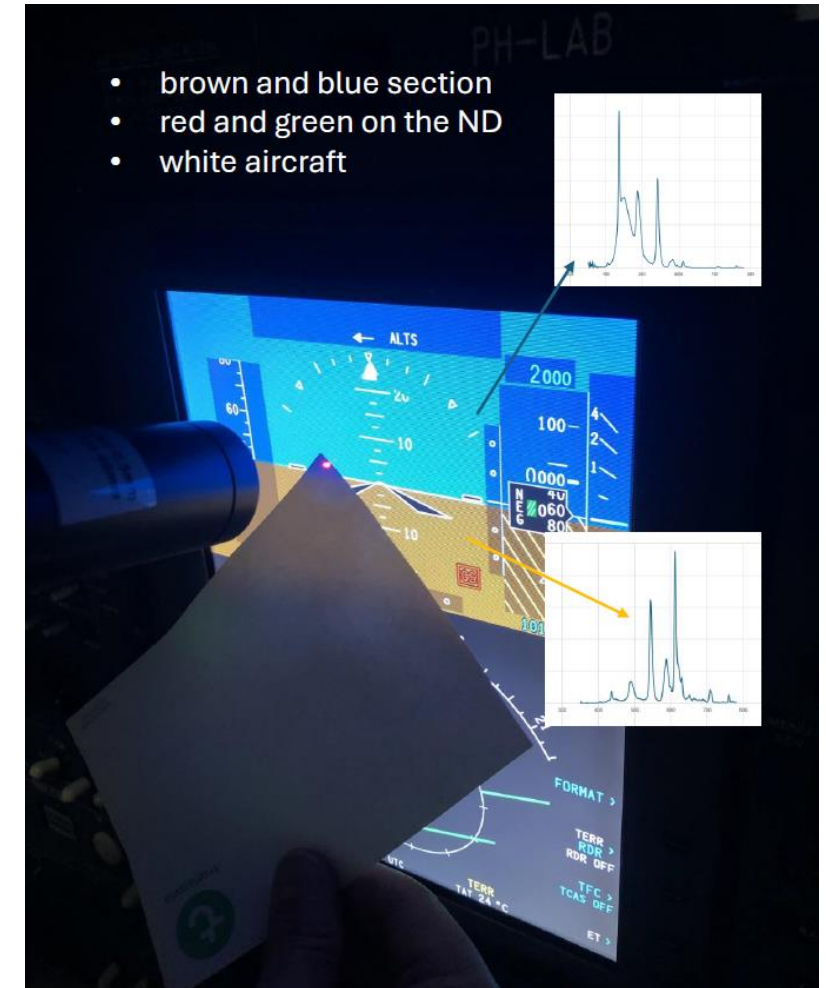


VISION – deliverables

- ➔ Project public deliverables and updates to be posted on EASA website at the following link:
 - ➔ <https://www.easa.europa.eu/en/research-projects/vision>
 - ➔ First deliverable to be published within the next week
- ➔ Radiometric pilot measurements performed on 24 & 25 March
 - ➔ Possehl, Oosterhout > runway lights
 - ➔ Cessna Citation II > screen lights
 - ➔ NLR Amsterdam
 - ➔ NRL approach control room > approach control lights, ambient illumination
 - ➔ NLR tower control room > flight strip system lights, repetition with different instrument



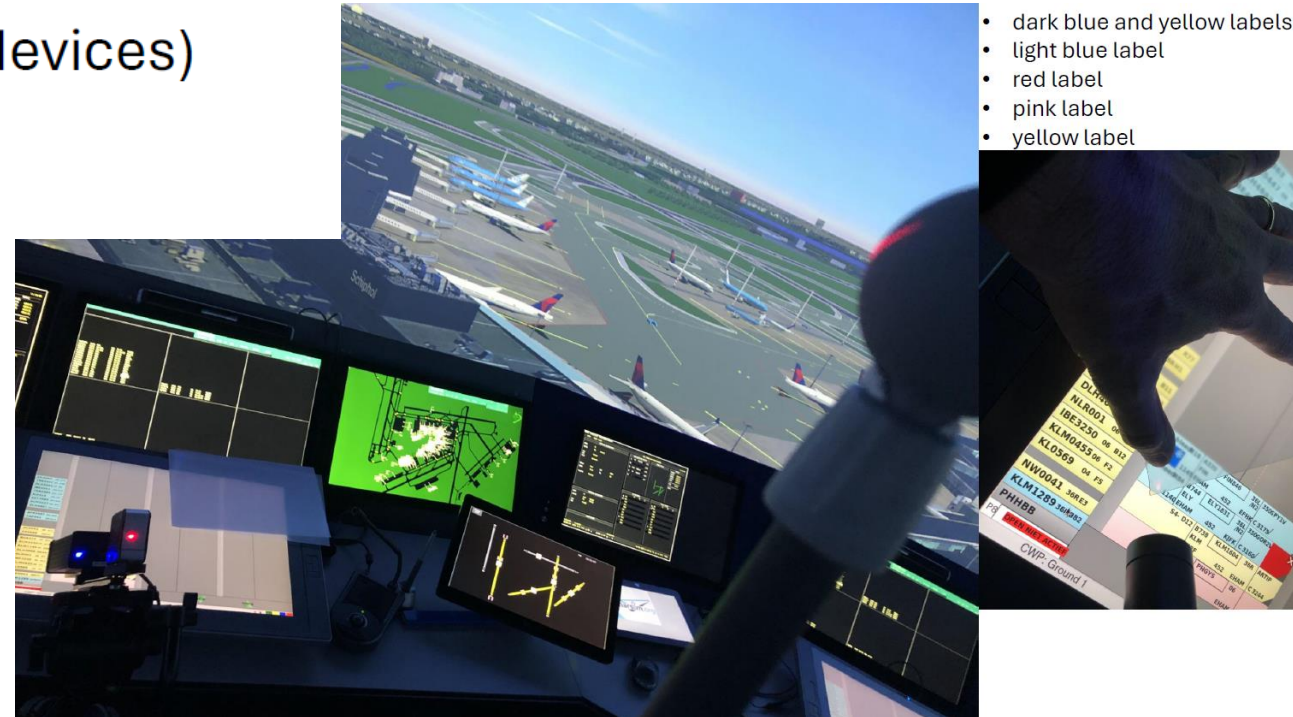
VISION – pilot radiometric measurements



VISION – pilot radiometric measurements

intra and inter-instrument consistency

- intra (across 5 consecutive measures):
 - $\Delta L < 1\%$
 - $\Delta x, \Delta y \sim 10^{-4}$
- Inter (same light with different measuring devices)
 - $\Delta L < 5\%$
 - $\Delta x, \Delta y \sim 10^{-3}$



HEALTH Research Project



HEALTH - *New health safety measures in aircraft*



- DLR
- Supported by Lufthansa and Airbus
- D1.1 & D1.2 Comprehensive Analysis of Pathogen Transmission and Mitigation Strategies in Aircraft Cabins: Airflow, Surfaces, and Disinfection

This research project is expected to analyse scientifically proven solutions to reduce the spread of airborne infectious agents within the aircraft environment.



HAO MED Research Project



HAO – Higher Airspace Operations

- The existing medical regulations for pilots, as outlined in Regulation (EU) 1178/2011, do not consider the assessment of operational requirements specific to Higher Airspace Operations (HAO).
- To address this gap, there is a need to review the current aero-medical requirements, including any limitations, with due consideration to the stress associated with HAO.
- Research should also aim to evaluate potential medical requirements that may need to be applied to individuals, other than crew members on board of HAO aircraft, including passengers and observers.

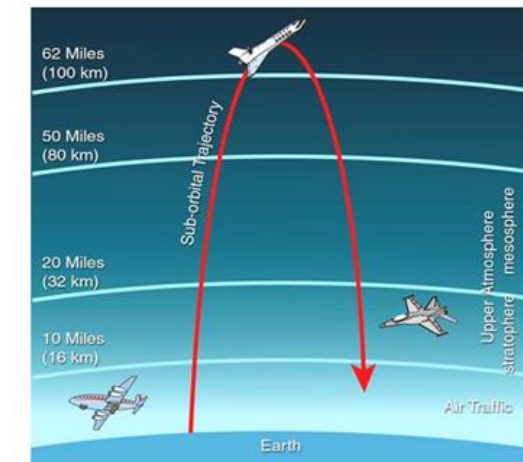
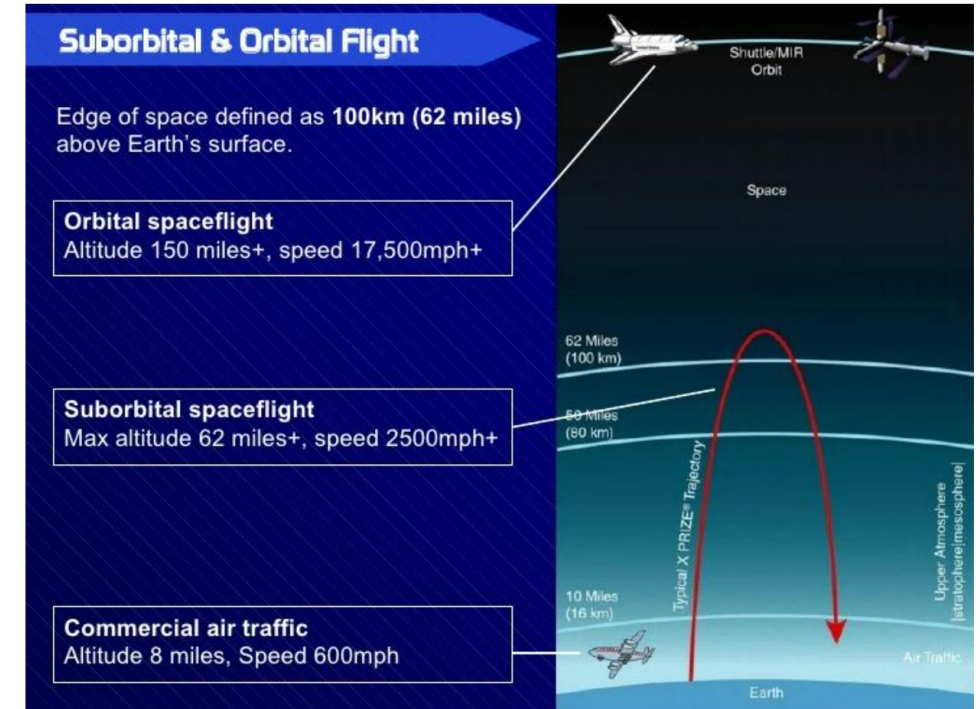


Figure 1. Suborbital trajectory [Reference 4]

HAO – Higher Airspace Operations

- <https://www.eurocontrol.int/project/european-concept-higher-altitude-operations>
- https://youtu.be/EBxzX_dwtbE



AvMed data survey



**PRELIMINARY
RESULTS**

AM-DATA - BIG DATA

- **USING the DATA for research and safety purposes**
- Trying to analyze the data to have evidence base information on:
 - MEDICAL Reasons for UNFIT
 - MEDICAL Reasons for Referral
 - Compare Medical Reasons with AGE
 - Study Pilot AGE
- The importance of Big Data stems from **its ability to transform raw information into valuable insights, enabling data-driven decision-making** across various domains.



EASA MED Industry – BIG Picture

→ Big data ; Big Numbers ; Big Differences

→ Key Raw Data Extracted

→ AeMCs – 90 (0 to 14) + 4

→ AMEs Class 2 - 1179 (2 to 528)

→ AMEs Class 1 - 834 (2 to 186)

→ AMEs Class 3 - 520

→ AMEs outside EASA States - Canada, UK, Jordan, USA, Hong Kong, Thailand, Andorra, Albania, Turkey, Ukraine, Morocco, UAE,



Aero-medical assessments – EASA AM-DATA

→ Key Raw Data Extracted (2023 related)

- ✈ **Aero-Medical assessments – Pilots class 1 – 124.792**
- ✈ **Aero-Medical assessments – Pilots class 2 – 103.525**
- ✈ **Aero-Medical assessments – ATCOs - class 3 – 17.478**



Unfit Applicants – EASA AM-DATA

→ Key Raw Data Extracted

- ✈ **Unfit – Pilots class 1 – 2012 = 1.8%**
- ✈ **Unfit – Pilots class 2 – 1351 = 1.97%**
- ✈ **Unfit – ATCOs class 3 – 525 = 3%**



Medical reasons for UNFIT Class 1

→ TOP 5

→ Mental Health

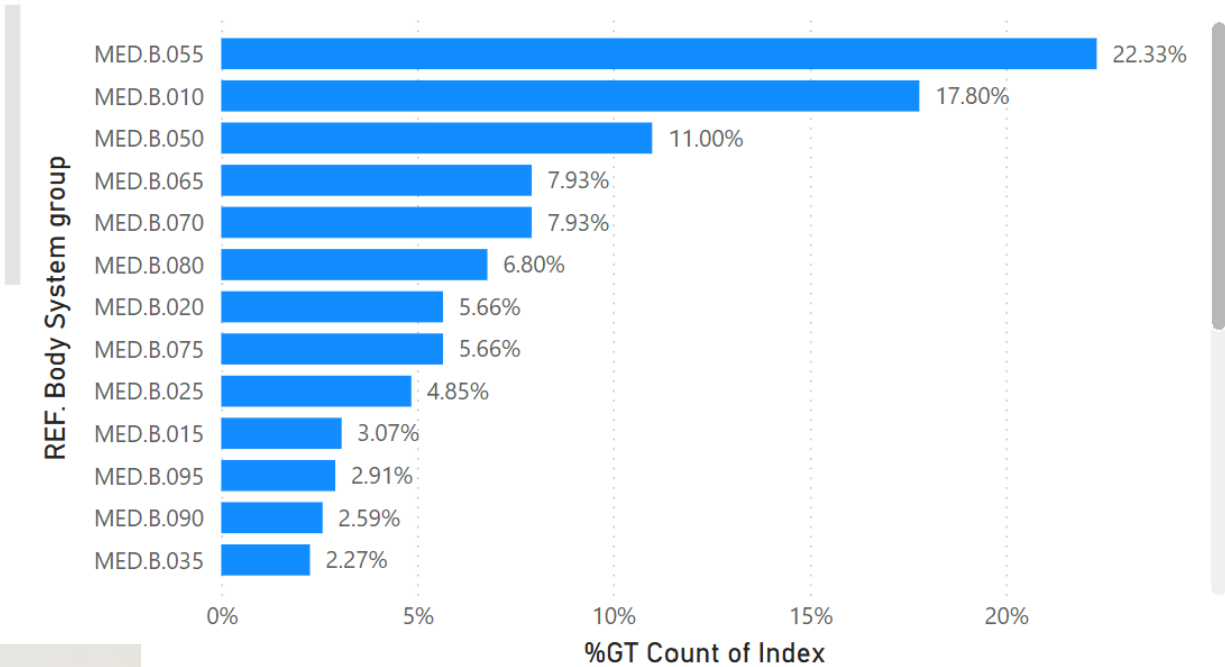
→ Cardiovascular

→ Musculoskeletal

→ Neurology

→ Visual

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Age Range Gender REF. Body System group

Class
■ 1

Medical reasons for UNFIT - Class 2



→ TOP 5

→ Cardiovascular

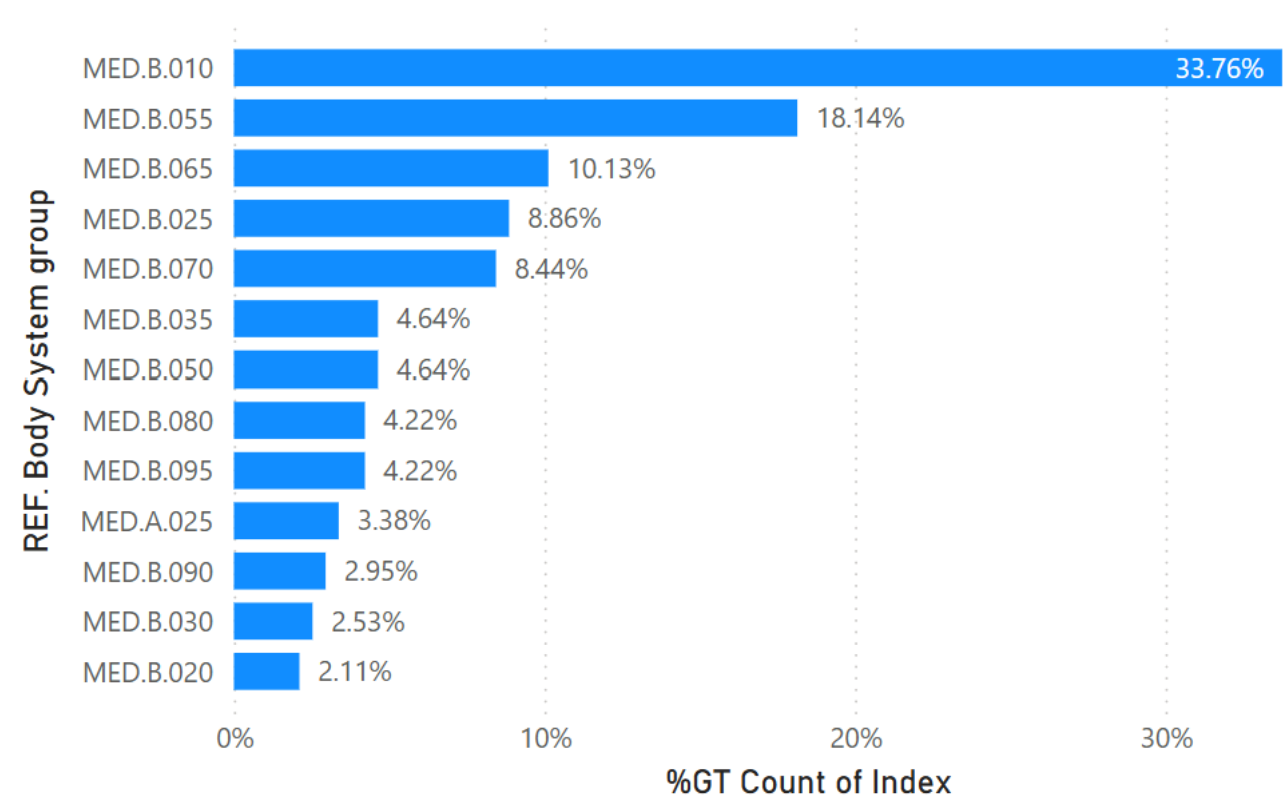
→ Mental Health

→ Neurology

→ Metabolic and Endocrine

→ Visual

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Medical reasons for UNFIT - ATCOs

→ TOP 5

→ Mental Health

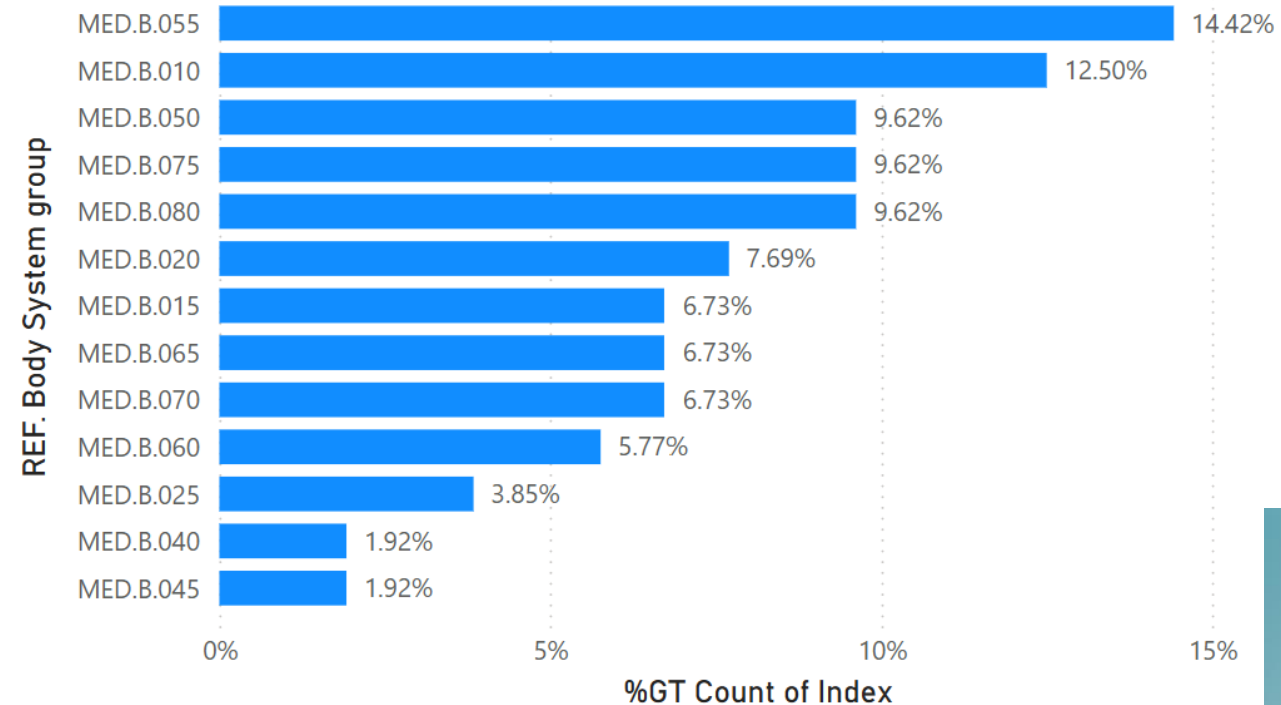
→ Cardiovascular

→ Musculoskeletal

→ Colour

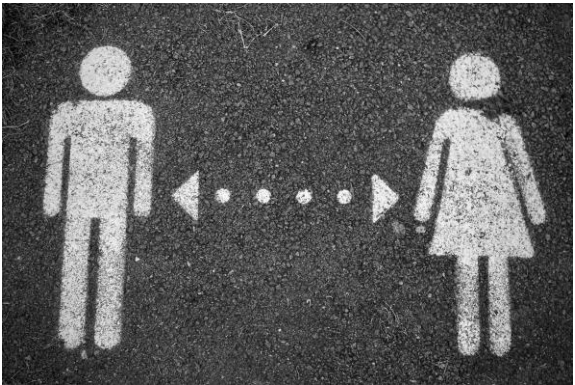
→ Otorhinolaryngology

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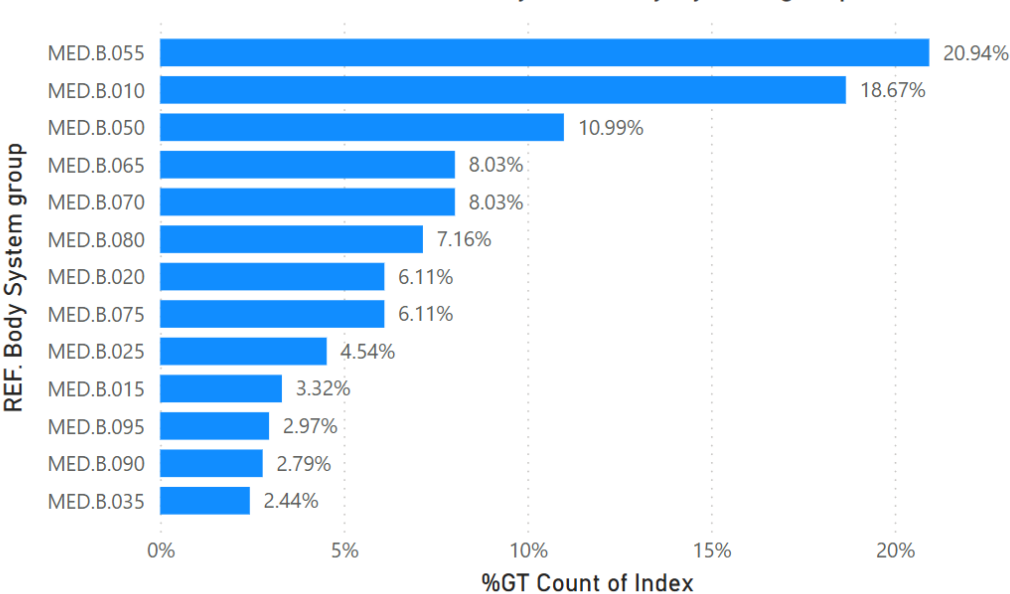
Medical reasons for UNFIT - GENDER

→ MALE

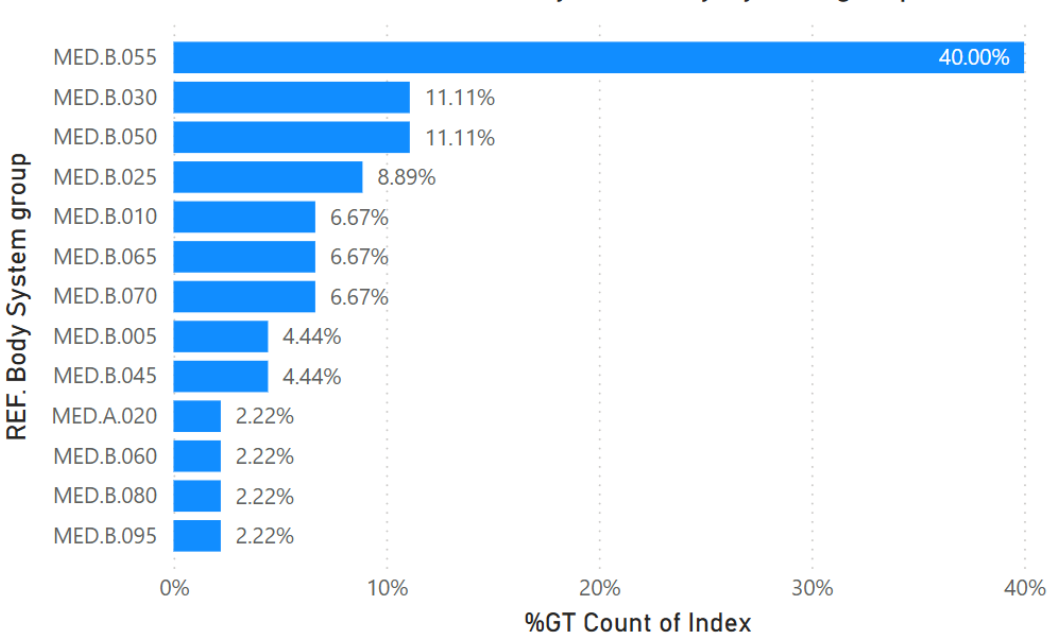


FEMALE

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Medical reasons for UNFIT - AGE

- Range 1 – Until 25 years old
- Range 2 – 26 to 35 years old
- Range 3 – 36 to 45 years old
- Range 4 – 46 to 55 years old
- Range 5 – 56 to 65 years old
- Older than – 66 years old



TOP main Medical reasons for UNFIT - AGE

→ RANGE 1

→ Mental Health

→ Colour

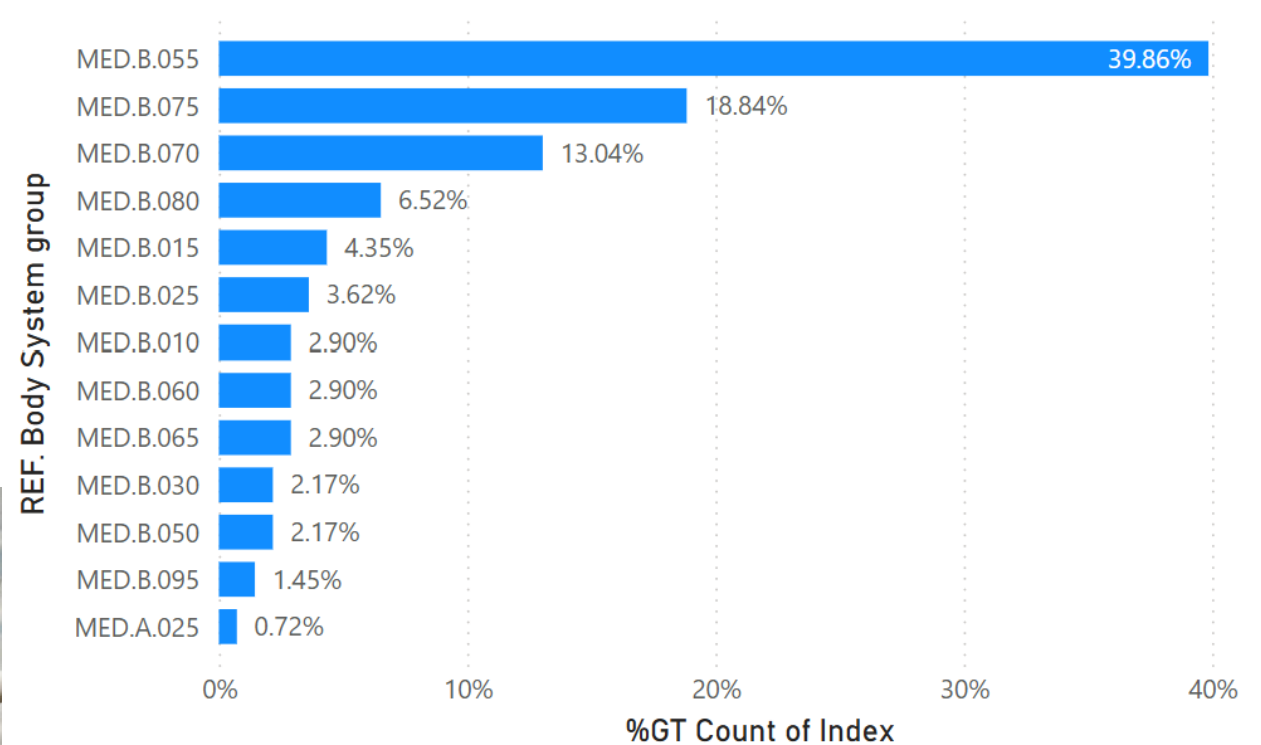
→ Visual

→ Otorhinolaryngology

→ Respiratory



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TOP main Medical reasons for UNFIT - AGE

→ Range 2

→ Mental Health

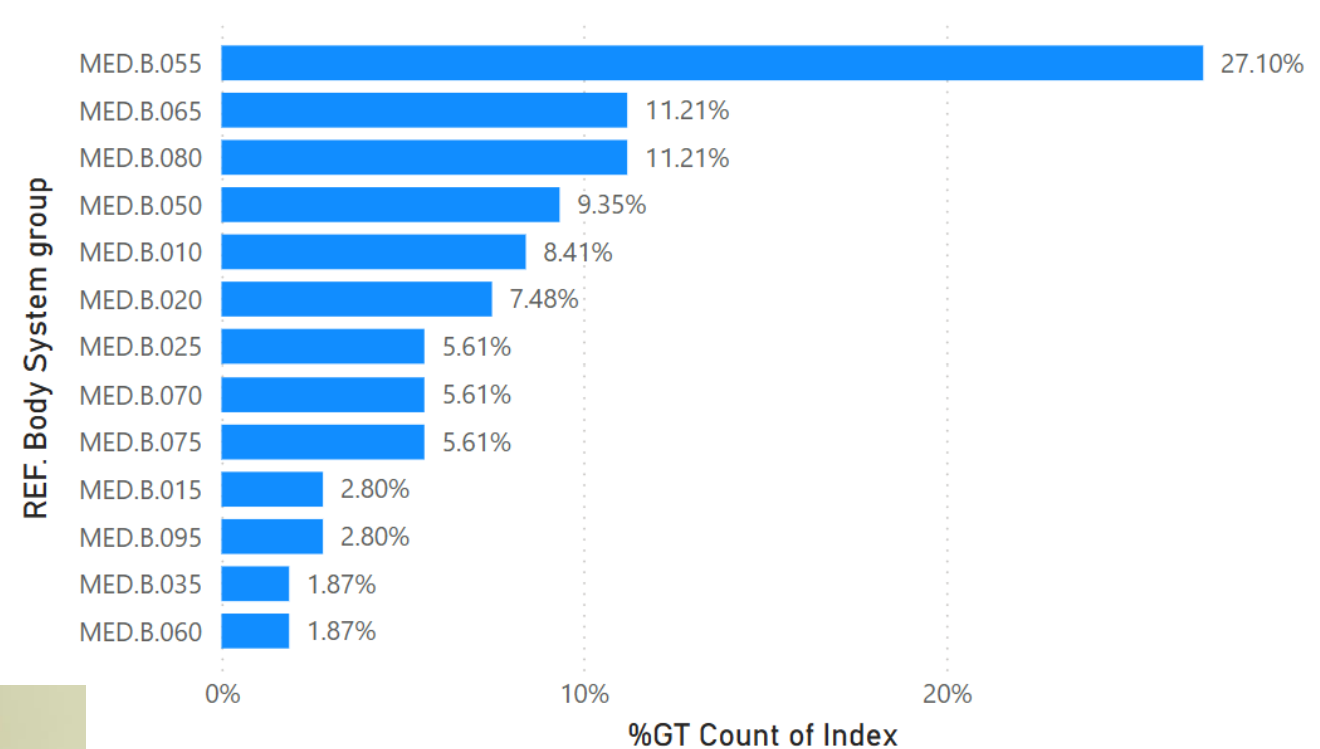
→ Neurology

→ Otorhinolaryngology

→ Musculoskeletal

→ Cardiology

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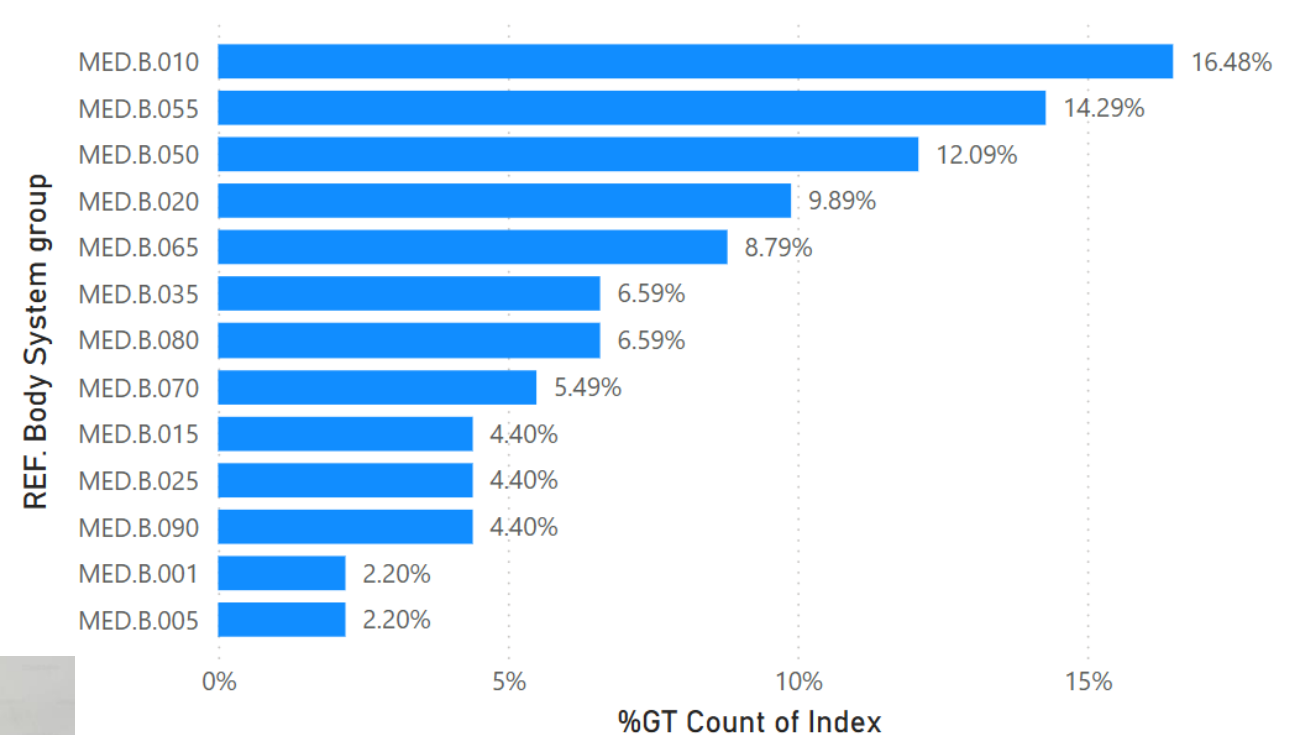


TOP main Medical reasons for UNFIT - AGE

- Range 3
- Cardiovascular
- Mental Health
- Musculoskeletal
- Digestive
- Neurology



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TOP main Medical reasons for UNFIT - AGE

→ Range 4

→ Cardiovascular

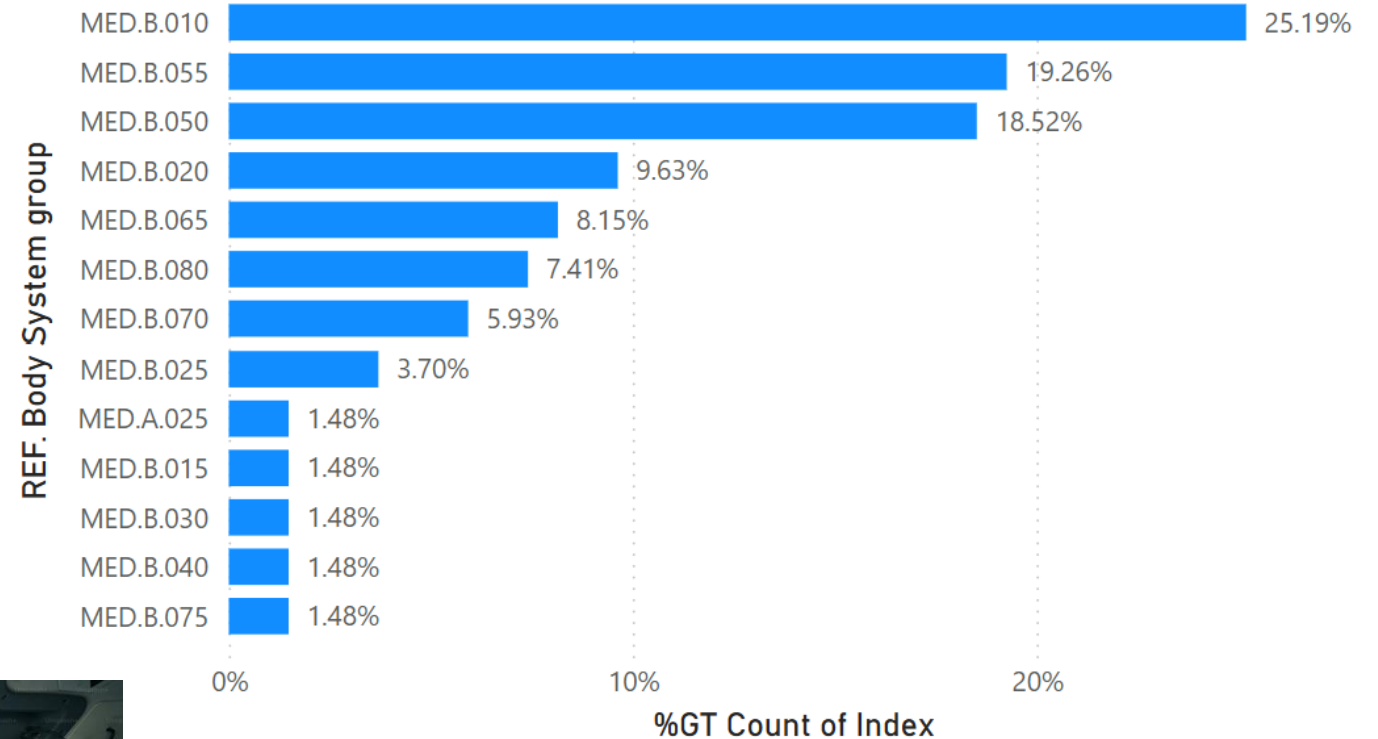
→ Mental Health

→ Musculoskeletal

→ Digestive

→ Neurology

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TOP main Medical reasons for UNFIT - AGE

→ Range 5

→ Cardiovascular

→ Mental Health

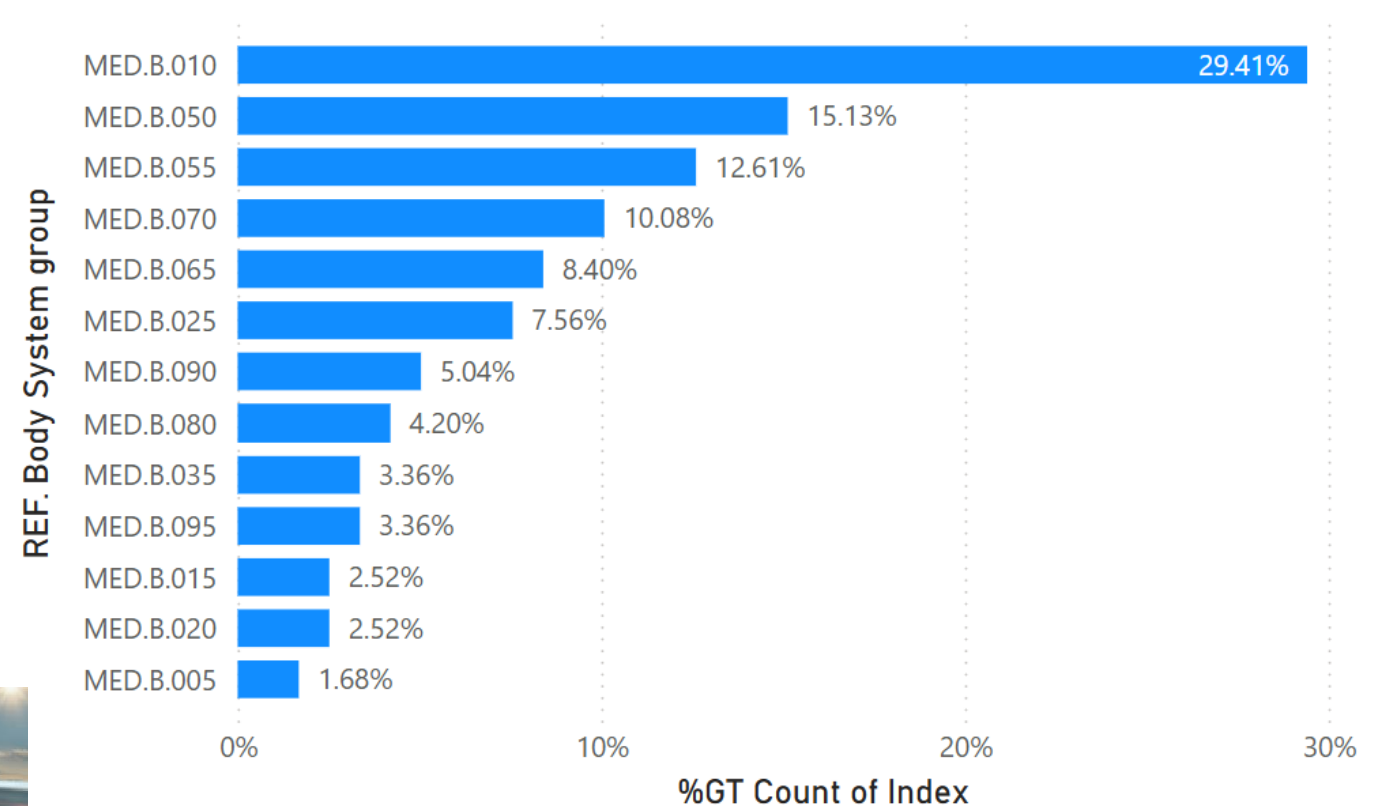
→ Musculoskeletal

→ Visual

→ Neurology



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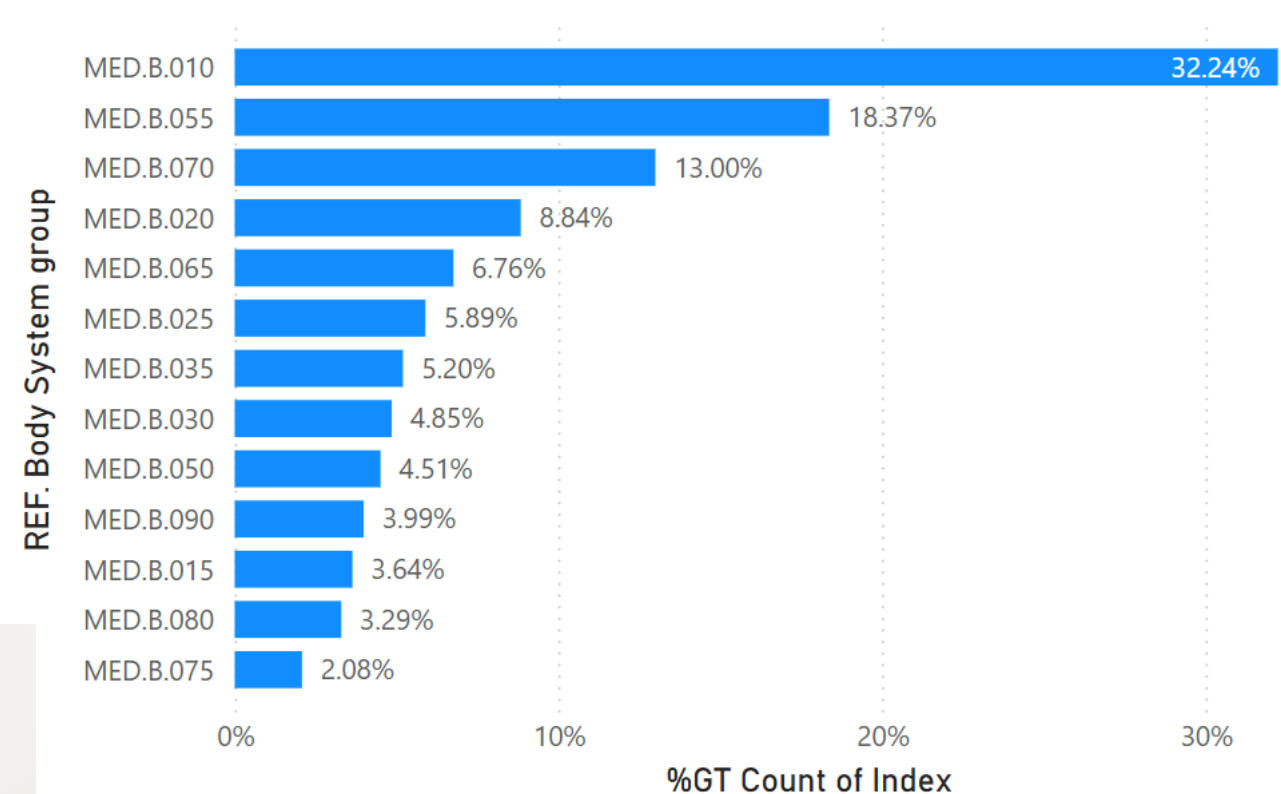
TOP main Medical reasons for UNFIT - Referrals

TOP 5

- Cardiovascular
- Mental Health
- Visual
- Digestive
- Neurology



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Rulemaking update

Regulation (EU) 2024/2076

- ➔ Opinion 05/2023 discussed at EASA CMT in October 2023, February 2024
- ➔ Voted at EASA CMT meeting 26-28 June 2024
- ➔ Commission Implementing Regulation (EU) 2024/2076 of 24 July 2024 amending Regulations (EU) No 1178/2011 and (EU) No 965/2012 as regards the clarification of requirements for cruise relief co-pilots, updates of requirements for flight crew licensing and medical certification, and improvements for general aviation
- ➔ Entered into force 13 August 2024 – MED updates became applicable as of 13 February 2025
- ➔ EASA ED Decision 2025/002/R containing the AMC/GM published on 05 February 2025 became applicable as of 13 February 2025

Main changes

- Pilot age limit alleviation HEMS single pilot **FCL.65(a)**
- Medical mitigating measures for pilot age alleviations **MED.A.040(c)(1)** **MED.B.010(a)(3&4)**
MED.B.015(ba) **MED.B.070(a)(1)** **MED.B.075(b)(1)** **MED.B.080(a)(3)**
- Operational mitigating measures for pilot age alleviations – Annex V – Part-SPA
SPA.HEMS.130.(g)
- Requirement to report pilot health data for all pilots 60+ **ARA.MED.150(f)**

Main changes(II)

- ✈ New point on change of licensing authority for medical certificate holders before owning a licence **ARA.GEN.360 (e)**
- ✈ Adding provisions to raise awareness on degenerative effects of ageing during aero-medical examination of pilots **MED.B.005**
- ✈ New provisions added to include the CV risk factor assessment at regular intervals after the age of 40 **MED.B.010(b)(5)**
- ✈ Update to remove the chest X-rays from regular aero-medical examinations **MED.B.015(b)&(c)**
- ✈ Update the AME training requirements **MED.D.020(aa)**
 - ✈ enable the possibility to recognise 3rd country training + a module on specific requirements of Part-MED

Main changes(III)

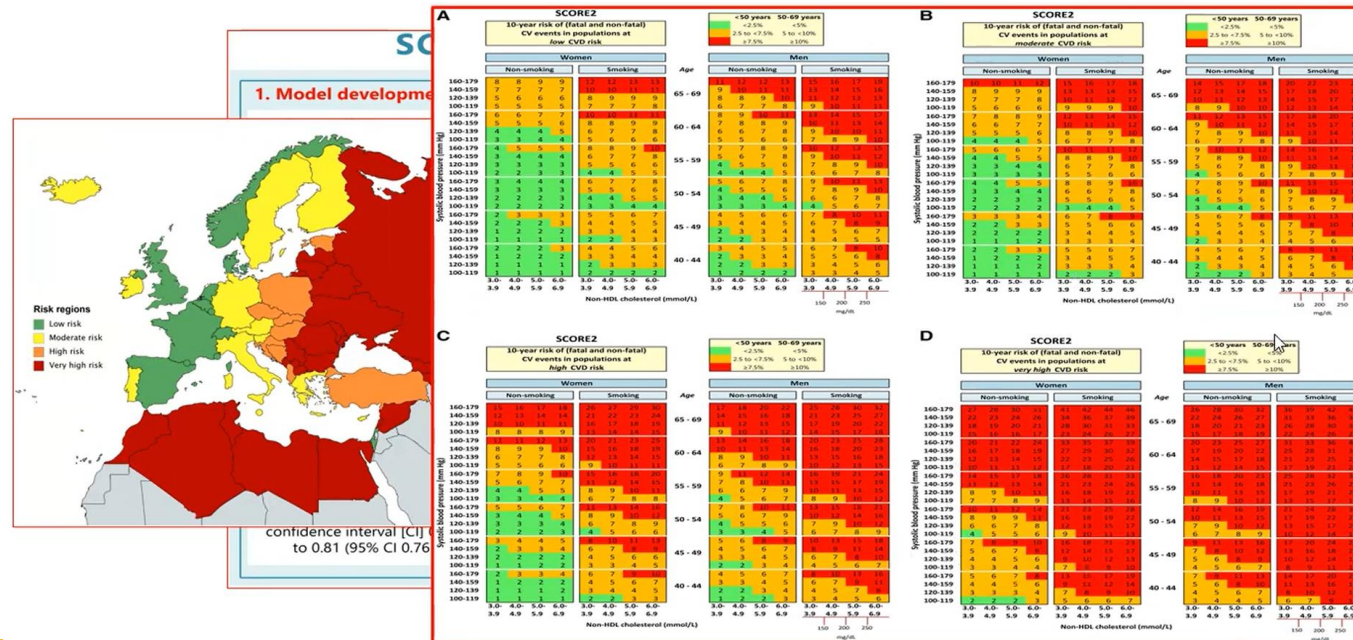
- Clarifying requirements for medical assessor training and qualification **ARA.MED.120**
- New provisions for limitation, suspension or revocation of medical certificates **ARA.MED.126**
- New provisions for consultation procedure **ARA.MED.128**
- Update the medical certificate format and forms **ARA.MED.130** **ARA.MED.135**
- Update the provisions on record keeping **ARA.MED.150**
- Update the provisions for the issue, revalidation, renewal or change of an AME certificate **ARA.MED.200**
- New requirements regarding cooperative oversight **ARA.MED.246**
- Update of the provision on the revocation of an AME certificate **ARA.MED.250**
- Delete the provisions on Special medical circumstances **ARA.MED.330**

Main changes(IV)

- **Clarifying the Scope for AeMCs** **ORA.AeMC.105**
- **New provisions for AeMC certificate holders** **ORA.AeMC.120**
- **Update provisions on continued validity of an AeMC to credit military assessments** **ORA.AeMC.135**
- **New requirements on reporting statistical data by the AeMCs** **ORA.AeMC.160**
- **Update the provisions on management system to enable further internal cooperation** **ORA.AeMC.200**
- **New requirements on contracted activities by the AeMCs** **ORA.AeMC.205**
- **Update the personnel requirements** **ORA.AeMC.210**
 - Clarify the minimum staffing of an AeMC
 - Clarify the main responsibilities of the Head of AeMC

CVD risk factor assessment - impact

- The CVD risk factor assessment is part of the preventive approach allowing for early management of CVD risk factors in order to facilitate longer flying life
- If proper risk management is applied we expect to have less unfit due to CVD in applicants 50+
- The additional cost due to cholesterol fractions – each Chol fraction in Germany costs around 3 euro – leading to a total additional cost due to the CVD risk assessment of **below 10 euro**
- For screening purposes CHOL finger prick testing could also be acceptable – even lower costs

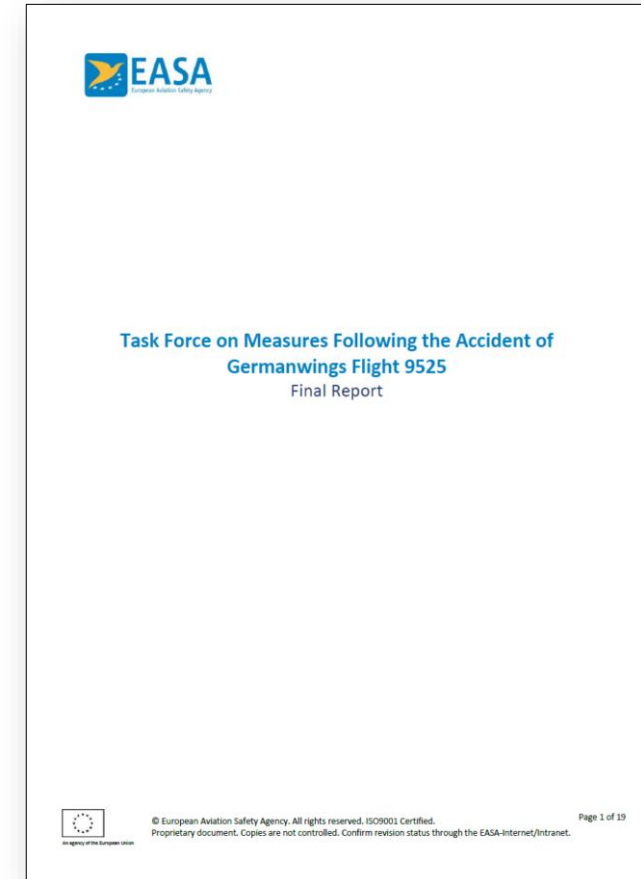


Support programmes



GW Task Force recommendations

1. Maintaining the principle of “2-persons in the cockpit at all time”
2. Mandatory **psychological evaluation of commercial pilots before entering service** and strengthening of the psychological part of the pilots’ recurrent medical assessment
3. Introduction of **drugs and alcohol testing** for aircrew
4. Strengthening of the **AME oversight and creation of networks for peer support**
5. National regulations ensuring an appropriate **balance between patient confidentiality and the protection of public safety**. Creation of a **European aeromedical data repository** to facilitate the sharing of information between Member States
6. Implementation of **pilot support and strengthening of reporting systems** within the airlines



New high level Implementing rule (IR): CAT.GEN.MPA.215

- (a) The operator shall **enable, facilitate and ensure access** to a **proactive and non-punitive support programme** that will **assist and support flight crew** in **recognising, coping with, and overcoming** any problem which might negatively affect their ability to safely exercise the privileges of their licence. Such access shall be made **available to all flight crew**.
- (b) Without prejudice to applicable national legislation on the protection of individuals with regard to the processing of personal data and on the free movement of such data, the protection of the **confidentiality of data** shall be a precondition for an effective support programme as it encourages the use of such a programme and ensures its integrity.

AMCs&GM on functioning of the support programme:

- EASA issued several AMCs&GM addressing the following points:
 - **Education & training** and professional assistance
 - Enable **self-declaration** & relief from duty
 - **Confidentiality** and protection of data & link to airline SMS
 - Essential elements of a support programme
 - Address risks relating to fear of **loss of licence** (→ BEA report recommendation)
 - Possibility to **extend** the support programs to other **safety-sensitive categories personnel**, e.g. cabin crew or maintenance

Implementation

- ➔ Support Programmes Regulation 1048/2018:
 - ➔ Use Regulation as **starting point** to develop tailored support programme.
 - ➔ Consider access to **peer support** as **essential element of risk mitigation strategy**.
 - ➔ Feed data into the **continuous improvement** cycle and SMS in general
 - ➔ Possibility to **extend** concept **to other personnel**.



Benefits of PSPs – prevention

- ➔ Helping the pilot to define their issue(s) – often wellbeing and mental health issues don't come 'alone'
- ➔ Helping the pilot come to a solution or solutions through conversation with peer(s)
- ➔ PSPs should aim to manage most/all stressors:
 - ➔ CISM (critical incident stress management)
 - ➔ Professional standards
 - ➔ Pilot training assistance
 - ➔ Psychoactive substance use/misuse
 - ➔ Aero-medical issues
 - ➔ Pilot assistance network
 - ➔ Management of private/family affairs
 - ➔ Working conditions/agreements or changes in them
 - ➔ Own overall wellbeing/recovery



EASA expectations

- **Multi-stakeholder approach**= all parties are involved
- Linked to Airline **SMS** via anonymised data
- Early information about PSP already from the training stages
- Appropriate **expertise & training** of personnel involved
- Maintain **confidentiality**
- Cultivate **trust** and **just culture**
- Facilitate exchange of **best practice**
- Promote early **specialised intervention** in the interest of **flight safety**



Working with the industry on Support Programmes

- ✈ European Pilot Peer Support Initiative (EPPSI)
 - ✈ ECA – European Cockpit Association
 - ✈ EAAP – European Association of Aviation Psychology
 - ✈ ESAM – European Society of Aerospace Medicine
- ✈ Recently the EPPSI started working on a proposal for regulatory amendments for AMC and GM
- ✈ First draft was sent to EASA and other stakeholders for consultation
- ✈ Final draft expected before the end of the year or early 2025
- ✈ EASA internal review of the proposal
- ✈ Consult with industry and European Member States on potential rulemaking activities
- ✈ Potential inclusion in the rulemaking plan for 2026

Links to European Regulation on Support Programmes

- [EASA website news: EASA welcomes new rules on mental fitness of air crew](#)
- [Commission Regulation 2018/1042](#)
- [EASA Decision 2018/012/R](#) (AMC & Guidance Material)

- [EASA Air Operations Regulation](#) & [Easy Access Air OPS Rules](#)
 - Annex IV Part CAT (Commercial Air Transport)
 - Implementing Rule CAT.GEN.MPA.215 Support Programme
 - AMC 1-4 CAT.GEN.MPA.215
 - GM 1-8 CAT.GEN.MPA.215

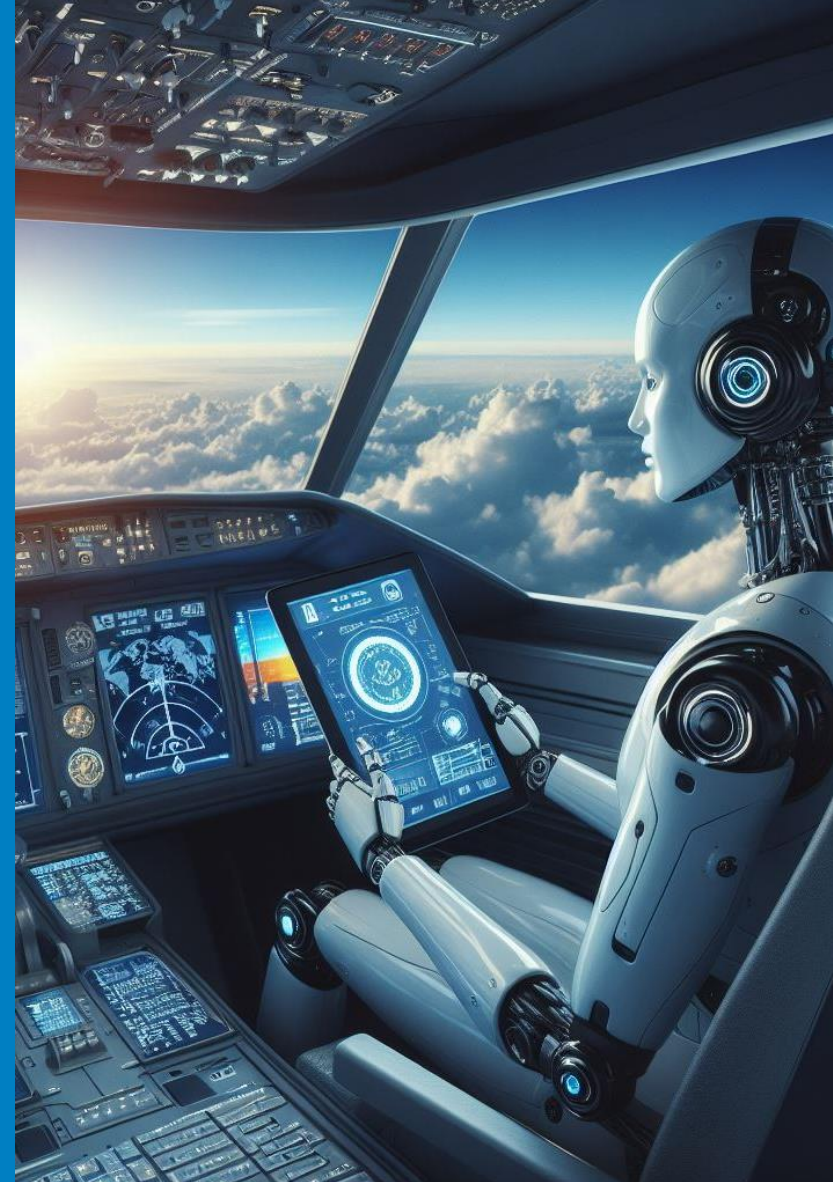
Thank you for your attention!



Questions

Your safety is our mission.

easa.europa.eu/connect



Your health is also our mission.