CLASS 1 & 2

Routine Screening Requirements

Trafikstyrelsen
Danish Civil Aviation and Railway Authority

Key ages[1]	8 CV RF[2] assessment	Extensive CV Exam[3]	Contrast Sensitivity Assessment[4]
40	✳		
45	✳		
50	✳		
53	✳		
56	✳		
59	✳		
60			✳
61	✳		✳
62			✳
63	✳		✳
64			✳
65	✳	✳	✳
66			✳
67	✳		✳
68			✳
69	✳	✳	✳
70			✳
71	✳		✳
72			✳
73	✳	✳	✳
74			✳
75	✳		✳
76			✳
77	✳	✳	✳
78			✳
79	✳		✳
80			✳

8 CV RFs (per European Society of Cardiology)

1. Dyslipidaemia
2. Hypertension
3. Smoking (regular smoker)
4. Diabetes mellitus
5. Premature familial CVD
   o Father, brother, or son before 55
   o Mother, sister, or daughter before 65
6. Familial hypercholesterolaemia (FA) (Hx of dyslipidaemia) (note 5)
7. BMI ≥ 30
8. Comorbidities: cardiovascular or cerebrovascular disease, peripheral arterial disease, AF, chronic kidney disease, obstructive sleep apnoea (OSA), significant multimorbidity

If ≥ 2 CVRFs: (note in Comments (248))
Use ESC CVD Risk App (except FA)

- In general: **SCORE2**
- 70 years or older: **SCORE2-OP**
- Diabetic aged at least 40: **SCORE2-Diabetes**
- Previous CVD and aged at least 30: **SMART**
- If North America: **ASCVD**
- Rest of world – fit into nearest Euro category.
- **Familiar Hypercholesterolaemia** (note 5)

Screening for Obstructive Sleep Apnoea (OSA) Syndrome. (note in Comments (248))

If 1st time any of **2**, **4**, **7**, **8**, Mallampati ↑, Neck circumference↑, other OSA RFs → **STOP-BANG**

Comments (248) abbreviation used:

CVD -Risk assessment:
ESC: App tool used / % pr. year
Contrast Sensitivity Assessment:
CSA: Normal/abnormal
Obstructive Sleep Apnoea Risk Assessment:
OSA-RA: low/Intermediate/high

Notes
[1] *Adapt case by case to meet regulatory periodicity.*
[2] *CV RF – Cardiovascular Risk Factors*
[3] *CV Examination – Only Class 1. At the first revalidation or renewal examination after age 65 and every 4 years thereafter.*
[4] *At every examination for Class 1 ≥ 60 years*
[5] *For Familiar Hypercholesterolemia the ESC CVD risk app can not be applied. Risk Assessment by specialist in cardiology only.*