Sleep Apnea Risk Assessment – Detailed Report by WakeUpCall

This detailed report includes patient information, STOP-BANG scoring, Epworth Sleepiness Scale, risk assessment, lifestyle factors, medical history, and SHAP model explanation for physician review.

Assessment Result

Predicted Risk Level:	HIGH RISK
Model Confidence:	92%
Recommendation:	Immediate consultation with a sleep specialist is advised.

Patient Information

Name:	Jane Doe
Age:	45
Sex:	Female
Height:	162 cm
Weight:	77 kg
BMI:	31.5
Neck Circumference:	42 cm

STOP-BANG Assessment

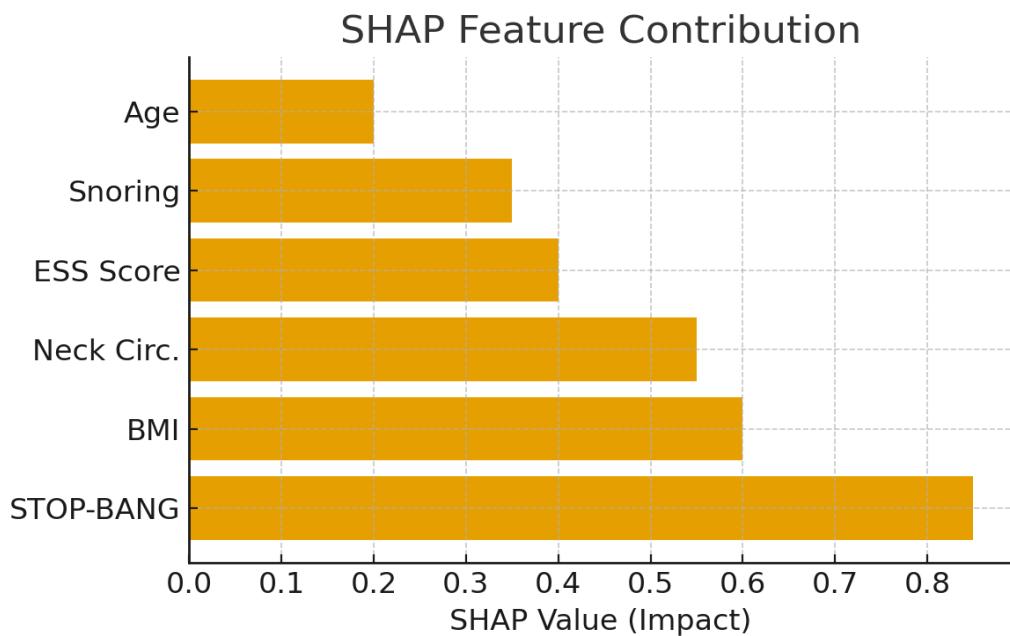|	
Snoring	Yes – Loud and frequent snoring reported
Tiredness	Yes – Daytime sleepiness present
Observed Apnea	Yes – Witnessed breathing pauses
High Blood Pressure	Yes – Hypertension diagnosed
BMI > 35	No
Age > 50	No
Neck ≥ 40 cm	Yes – Increased neck circumference
Gender Male	No
Total Score	5 (High Risk)

Epworth Sleepiness Scale (ESS)

Sitting and reading	2
Watching TV	2
Public place sitting	3
Passenger in car	2
Lying down PM	3
Talking	1
After lunch	2
Traffic stop	0
Total ESS Score	15 (Excessive Daytime Sleepiness)

Lifestyle & Medical History

Smoking	No – Patient does not smoke
Alcohol Intake	Yes – Occasional consumption
Exercise	Low – Sedentary lifestyle
Hypertension	Yes – Diagnosed condition
Diabetes	No

SHAP Model Explanation

SHAP values help quantify how much each feature contributed to the final sleep apnea risk prediction. Positive values increase risk, while lower values have less influence.

SHAP Feature Contribution

This report was automatically generated by the WakeUpCall Sleep Health System.