

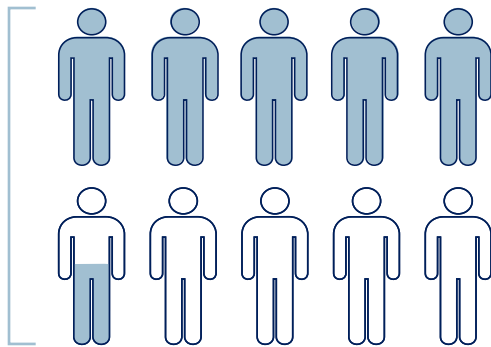
UNDERSTANDING ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS)

A common and devastating condition in the ICU

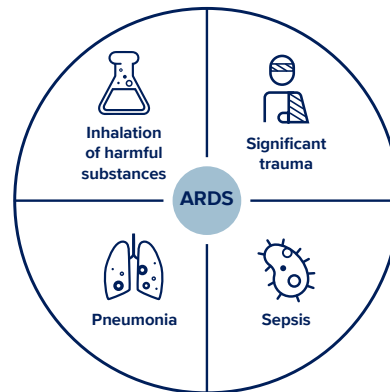
Prevalence

~300,000+ people develop ARDS in the US and EU each year¹

Up to **55%** of patients with ARDS will die in hospital²



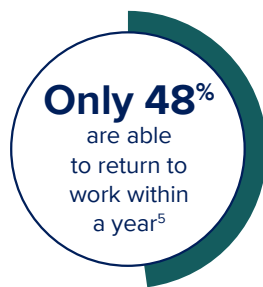
Most common ARDS causes^{3,4}



All ARDS cases have a compromised endothelial barrier. **Fluid leaks into the lungs, leading to impaired oxygen absorption and hypoxemia³**



Consequences for patients



Higher rates of:

Acute kidney injury⁶



44%

Post-traumatic stress disorder⁷



21–35%

Anxiety⁷



23–48%

Impact on hospital resources

At one year⁵



The average total hospital costs in the US



There is currently no approved treatment for ARDS

Current care focuses on symptom management, not the underlying cause
Mechanical ventilation is currently used to keep patients alive^{8,9}

*Calculated from the original Canadian dollar amount to US dollars based on the 2002 average exchange rate of 1.57 CAD to 1 USD

References

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