

# HEREDITARY METABOLIC DISORDERS AND COVID-19 VACCINATION

## MetabERN RECOMMENDATIONS



The experts of MetabERN recommend that **IMD patients get vaccinated against COVID-19** when they are offered this opportunity.



**All IMDs should be considered as a high priority for COVID-19 vaccination.**

Patients who present a high risk of acute metabolic decompensation, respiratory or cardiac complications, and frequent exacerbation induced by infection, such as those with AOA, PM-MD, C-FAO or LSD, should be vaccinated with the highest priority.



Based on the current evidence, our experts' advice is to **use any vaccine available in the country**, with **no particular contraindications** for any metabolic disease.

AOA: amino and organic acids-related disorders; C-FAO: carbohydrate, fatty acid oxidation and ketone bodies disorders; IMD: inherited metabolic disease; LSD: lysosomal storage disorders; PM-MD: disorder of pyruvate metabolism, Krebs cycle defects, mitochondrial oxidative phosphorylation disorders, disorders of thiamine transport and metabolism.



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