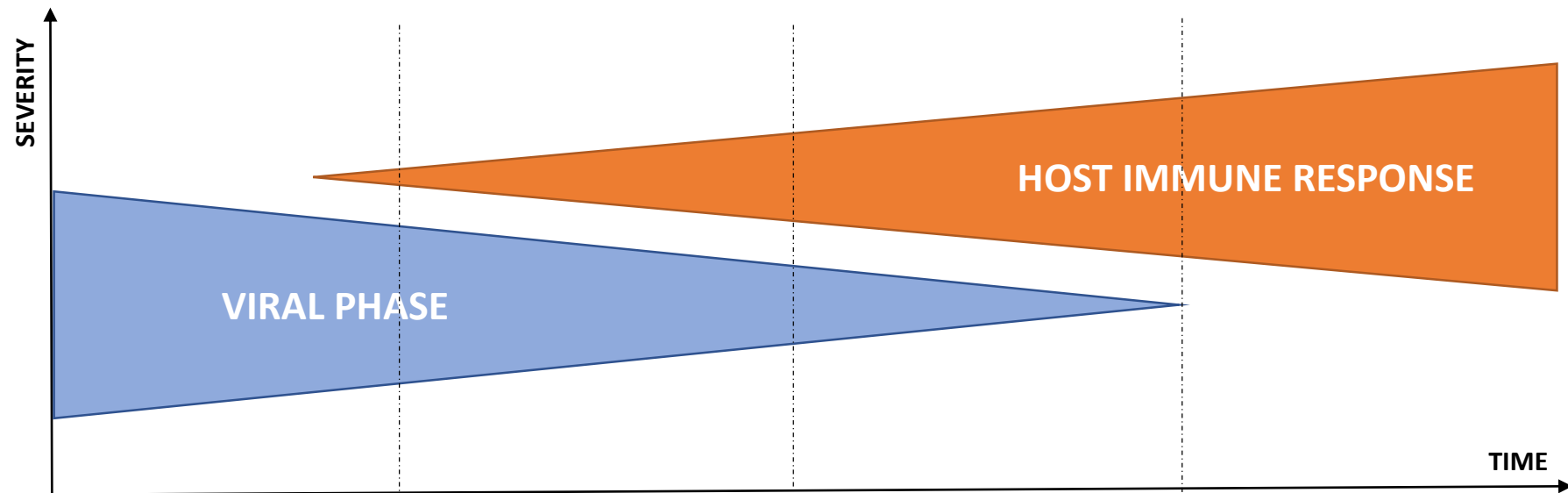


# THERAPEUTIC ALGORITHM FOR COVID-19



SIGNS & SYMPTOMS	Asymptomatic, fever <37.5°C, diarrhoea, headache, asthenia, anosmia and ageusia, conjunctivitis		Dry cough, fever >37,5°C, arthro-myalgia	Shortness of breathe, Hypoxia, arrythmia	ARDS, SIRS, Shock, MOF, cardiac failure, MAS /HLH (Enlarged liver/spleen/lymph nodes), skin rash, Easy bruising and/or abnormal bleeding, fever >38.5°C.	
LAB	Normal routine lab tests, mild lymphopenia, normal blood gas		Increasing lymphopenia, mild increase of PT and/or ferritin and/or D-Dimer and/or LDH, mild hypoxia >92	progressive increase of d-dimer and ferritin, increase transaminases and triglycerides, abnormal blood gas (hypoxia <92-hypocapnia etc.), mild increase NT-proBNP and troponin, IL6, CRP, reduction of platelet count	Elevation of inflammatory markers and ferritin, progressive cytopenias, increase in NT-proBNT, troponin and renal function markers	
LUNG US	Normal	Localized B-lines	Diffuse B-lines – pleural line thickening	Diffuse B-lines – pleural line thickening – Subpleural consolidation, localized pleural effusion	Diffuse B-lines – pleural line thickening – Subpleural and alveolar consolidation – air bronchograms	
CT SCAN	Normal	Localized supleural ground glass	Ground glass		Crazy paving	
Pharmacological therapeutic options	paracetamol		Hyperimmune serum transfusions (convalescent patients)			
			azithromycin			
		Remdesivir - lopinavir/ritonavir				
		hydroxychloroquine				
		LMWH				
		Tocilizumab (Anakinra - Jak inhibitors?)				
		Pulse steroids				
		Rescue: plasma exchange – IVIG (etoposide - IL2- Stem cells?)				
HOME OR COMMUNITY		HOSPITAL BASED COVID CLINICS (NON INVASIVE VENTILATION)		INTENSIVE CARE UNITS		