Description You are to write the pathophysiology of atrial fibrillation, Hypercholesterolemia, and Hypertension. For each topic I want: • Description of the condition (the pathophysiology) • possible causes • incidence • physical and/or physical and/or mental impairments and disabilities related to the condition • Details should be given on medical and exercise interventions • Provide a brief justification for the use of each intervention For this part: 3 pages divide it over atrial fibrillation and hypertension, and 1 page Hypercholesterolemia For the discussion discuss the potential/real beneficial effects of exercise intervention for each one atrial fibrillation, Hypercholesterolemia, and Hypertension: • Which system (i.e. sensory, motor, cardiovascular, etc.) is improved after the intervention? • What are the possible physiological mechanisms behind the changes observed? • Are there scientific evidences to support the use of the chosen intervention? • Does the intervention affect the patient’s quality of life or performance in activities of daily living? For this part: divide it over 4 pages because for atrial fibrillation and Hypertension exercise intervention might be the same. Pathogensis of Atrial fibrillation, Hypertension, and Hypercholesterolaemia