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| Specialized basic subjects | Class style | Lecture | 2 credits（half-year term） |
| Course title | Cardiovascular Diseases and Neurohumoral Factors |
| Theme | Understanding neurohumoral factors in cardiovascular diseases |
| Semester | First half・Second half |
| Location | National Hospital Organization Kagoshima Medical Center |
| Course director | Michihisa Jougasaki |
| GIO | Learning basic knowledge and methodology to study the role of neurohumoral factors in cardiovascular diseases. |
| SBO |  |  Representative neurohumoral factors are renin-angiotensin-aldosterone system, natriuretic peptide family, adrenomedullin and cytokines. Main themes are to learn basic knowledge and methodology of these factors in the pathophysiology of cardiovascular diseases. |
| Course descriptions | instructors |
| １．Introduction to cardiovascular diseases and neurohumoral factors (1)２．Introduction to cardiovascular diseases and neurohumoral factors (2)３．Cardiovascular diseases and renin-angiotensin-aldosterone system (1)４．Cardiovascular diseases and renin-angiotensin-aldosterone system (2)５．Cardiovascular diseases and renin-angiotensin-aldosterone system (3)６．Cardiovascular diseases and natriuretic peptide family (1)７．Cardiovascular diseases and natriuretic peptide family (2)８．Cardiovascular diseases and natriuretic peptide family (3)９．Cardiovascular diseases and cytokines (1)１０．Cardiovascular diseases and cytokines (2)１１．Cardiovascular diseases and cytokines (3)１２．Cardiovascular diseases and cytokines (4)１３．Cardiovascular diseases and cytokines (5)１４．Cardiovascular diseases and cytokines (6)１５．Summary | Michihisa JougasakiMichihisa JougasakiMichihisa JougasakiMichihisa JougasakiMichihisa JougasakiMichihisa JougasakiMichihisa JougasakiMichihisa JougasakiMichihisa JougasakiMichihisa JougasakiMichihisa JougasakiMichihisa JougasakiMichihisa JougasakiMichihisa JougasakiMichihisa JougasakiMichihisa Jougasaki |
| Course materials |  |
| Evaluation scheme | Evaluation by report…50%，Active participation in class…50％ |
| Office hour |  |
| e-mail address | jougasaki@kagoshima2.hosp.go.jp |
| After class |  |
| remarks |  |