**2019년 제 17차 KSPEN NST-PEP 교육 일정(안)**

1. 일시: 2019년 8월 24일(토요일) 08:30 ~ 17:40

2. 장소: 서울대학교병원

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| **Time** | **min** | **Contents** | **Remark** |
| **08:30** |  | 등록  |  |
| **08:55** | 5 | Welcome to KSPEN NST-PEP  |  |
| **09:00-09:10** | 10 | Introduction of KSPEN NST-PEP  |  |
| **Basic Concept for Nutrition Therapy** |
| **09:10-09:30** | 20 | Clinical impact of Malnutrition and Nutritional Therapy  |  |
| **09:30-09:50** | 20 | Nutrition Screening and Assessment  |  |
| **Metabolism and Nutrients** |
| **09:50-10:20** | 30 | Metabolism of Macronutrients – Stable state  |  |
| **10:20-10:40** | 20 | Metabolism of Macronutrients – Stress state  |  |
| **10:40-11:10** | 30 | Micronutrients & Pharmaco-nutrition  |  |
| **11:10-11:30** | 20 | Coffee break  |  |
| **Practice of Nutritional Therapy** |
| **11:30-12:00** | 30 | Nutrition Requirement and selection of Route  |  |
| **12:00-12:30** | 30 | Principles of EN |  |
| **12:30-13:00** | 30 | Principles of PN, Immunonutrition |  |
| **13:00-14:00** | 60 | Lunch  |  |
| **14:00-14:30** | 30 | Complication and Monitoring of PN & EN  |  |
| **Case and Demonstration** |
| **14:30-15:00** | 30 | Demonstration – EN implementation  |  |
| **15:00-15:30** | 30 | Demonstration – PN implementation  |  |
| **15:30-15:50** | 20 | Nutrition - Drug interaction  |  |
| **15:50-16:10** | 20 | Coffee break  |  |
| **Nutrition in Special Condition** |
| **16:10-16:30** | 20 | Nutrition therapy in Critically ill Patients  |  |
| **16:30-16:50** | 20 | Case discussion (EN & PN)  |  |
| **16:50-17:10** | 20 | Test  |  |
| **NST team** |
| **17:10-17:30** | 20 | Nutrition support team : Roles, Teamwork and Team building  |  |
| **17:30-17:40** | 10 | Certificate & closing  |  |