

Bournemouth's National Pump Training Course For Health Care Professionals

The Village Hotel, Bournemouth, Dorset, BH7 7DZ

Aims: To develop and enhance skills and knowledge of insulin pump therapy.

This includes: Pre pump patient assessments, insulin setting calculations, carb counting with pump therapy, pump self-management skills, understanding key and advanced features of various tubed and patch pump systems including hybrid closed loop systems, considerations for service organisation, data interpretation and pump setting adjustments.

Delivered as mix of theory teaching, shared practice and practical hands-on pump training.

Educators: Emma Jenkins RD, Nicola Stacey DSN, Simone Penfold DSN, Dr Helen Partridge

Day 1	Programme
9.00	Welcome, coffee and Introductions & Programme
9.15	Introduction to pump/HCL therapy Pros & Cons NICE Criteria Who do you choose. Practical and psychological considerations. Assessment Case Studies
10.30	Pump Setting Calculations Basal rates Insulin sensitivity ISF & Carbohydrate Ratio ICR Target Glucose Other considerations for Hybrid Closed Loop systems Case study calculations
11:30	Coffee Break
11.45	Carbohydrate Counting in pump/HCL therapy Carb assessments strategies Advanced bolus options?
13.00	Lunch
13.45	Practical Group work of a choice of pump systems. Session covers: Infusion sets & management of cannulas sites, basal settings, bolus advice settings, getting connected, temporary basal rates, programming & delivery boluses, including advanced dosing. Introductions to HCL features. Downloading data
15.45	Basal rate assessments and adjustments
16.15	Summary of day

Thursday evening meal together at the Village Hotel, Bournemouth

This forms part of the training programme. It is optional but provides an additional opportunity to practice carb counting and pump management when eating out and in social situation as well as networking.

Day 2	
9.00	Review experience of wearing pump
9.15	Pump/HCL Management Skills Hypoglycaemia Hyperglycaemia & DKA avoidance Exercise/activity Pregnancy
10.45	Coffee Break
11:00	Opportunity to review and compare different pump systems
12.30	Hybrid Closed Loop Systems - further reflections
13.00	Lunch
13.30	Opportunity to review and compare different pump systems
14.00	Structuring a pump service/clinic visits/Management of Inpatients
14.30	Special case studies Looking at pump downloads
15.30	Final Questions & Discussion
15:45	Finish

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