

An Introduction to Cancer

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This course will explain:

- Why cancer can be found in many places of the body
- Why knowledge of different cell types helps identify where certain types of cancer are more likely.
- Why cancer has the ability to move and grow away from the primary site of origin.
- The methods of spread such as local invasion, lymphatic and blood spread, seeding and transcoelomic spread
- How disease progression will influence patient management
- How tumours can be classified with specific consideration of staging and grading systems
- What the likely treatment options are for a patient with cancer

"I did not expect to be totally engrossed with all aspects of the day as I much as I was. David made what could have been quite a heavy and intense day very enjoyable."

Marie Gardner, Modernisation Manager, South East Scotland Cancer Network (SCAN)

For more information contact:
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- 9.30** ***Introduction to the Day***
- 10.00 –** **An Introduction to Cells, Tissues and Cancer**
11.00
- An overview of the cells and the various tissues of the body
 - The cell cycle and an introduction to oncogenes and tumour suppressor genes
 - What is cancer?
- 11.00 –** **Coffee/Tea**
11.30
- 11.30 –** ***The Spread of Cancer***
12.30
- An introduction to the properties of cancer cells which give them the ability to spread around the body
 - Routes of spread – local, lymphatic, blood, seeding, transcoelomic
- 12.30 –** **Lunch**
13.15
- 13.15 –** ***Session 5: Classification of Cancer (with break)***
14.15
- How do we classify cancer?
 - Benign or malignant?
 - Histopathological, locational, biological, descriptive
 - Staging and grading of cancer – what, how and why?
- 14.15 –** **Coffee/Tea**
14.45
- 14.45 –** ***Overview of treatment option for cancer***
16.15
- Radiotherapy
 - Chemotherapy
 - Targeted Therapy
- Any questions and Departure***

“The course was one of the most engaging and interesting courses I've ever been on, largely down to the imagination and creativity of the trainer. Dave makes complex science fun and memorable and has the ability to engage everyone in the room, really capturing the imagination of the entire room. also, very patient when answering questions and ensures everyone is given time to speak.”

Ceri Eames, Cancer Awareness Nurse Manager, Cancer Research UK

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