Cork University Hospital (CUH)
Department of Haematology

**CUH SERVICES**
- **Haematology in-Patient Service**
- **Haematology Day Service**
- **Laboratory Haematology**
- **Comprehensive Coagulation Centre**

**HAEMATOLOGY SERVICES IN OTHER HOSPITALS**
- **Kerry General Hospital**
- **Bantry General Hospital**
- **South Infirmary Victoria Hospital**
- **Mallow General Hospital**
- **Mercy University Hospital**

**OBSTETRIC TRANSFUSION AND ANTIBODY SERVICES**
- **Combined High Risk Clinic**
- **Clinical Blood Transfusion**

**CUH SERVICES**
- **Haematology Dept staff**
- **Research and Teaching**
- **Patient Information Leaflet**

**Mission Statement**
Contact Department of Haematology
KERRY GENERAL HOSPITAL

Kerry General Hospital (KGH) is the second largest of the HSE South’s seven acute hospitals. KGH is located almost 80 miles from Cork City. It has an active Emergency Department and also has specialities including obstetrics (1,000 deliveries a year) and neonatology.

The laboratories in KGH are provided with overall governance by Dr. Ken Feeley (laboratory director/consultant histopathologist) and Dr. Mary Cahill (transfusion, haematology, molecular genetics) visits twice a month and provides support for marrow and blood film reporting, telephone consultation and document review outside of visits. The transfusion laboratory is KGH is INAB accredited and has been repeatedly inspected by INAB. The transfusion laboratory in KGH cross matched over 4500 units of blood in 2010. The molecular diagnostic laboratory is also INAB accredited (the first in the country to achieve this) and has undergone satisfactory re-inspection.

Haematology full blood count differential bench was accredited in 2010 however coagulation has yet to be included.

The following Specialties are provided:-

- Ear, Nose & Throat Services
- General Surgery
- Gynaecology (Colposcopy & Urodynamics)
- Obstetrics
- Orthopaedics
- Paediatric including Special Baby Care Unit (neonatology)
- Pathology
- Psychiatry
- Radiography including C.T. Scanning Service.
- Renal Dialysis
- Oncology
- Palliative Care

The following additional specialist Out-Patient Services are provided by Visiting Consultants:

- Dental
- Dermatology
- Nephrology
- Neurology
- Oncology
- Ophthalmology
- Plastic Surgery
- Rheumatology
- S.T.D.

Dr. Cahill also provides a limited consultation service for KGH.

Kerry General Hospital Laboratory
Tralee, Co. Kerry.
Tel: (066) 718 4000
Fax: (066) 712 6241
Number of Beds:
In Patient: 377
Day: 0
Total: 377
Bantry General Hospital provides acute general hospital services to the population in excess of 60,000 people in the west Cork and south Kerry area, located 60 miles from Cork University Hospital. It is a 118-bedded Acute General Hospital and provides a comprehensive range of inpatient, outpatient and day case services. It is at present undergoing changes due to reconfiguration.

A range of specialties are delivered by the hospital.
- General Medicine, ICU, Acute Medical Assessment Admissions Unit
- General Surgery, Accident and Emergency Department.
- Old Age Medicine, which includes an 12-bedded Rehabilitation and Assessment Unit and a 4 bedded Acute Stroke Unit.
- Care of the Elderly & Respite Care
- Radiology
- Palliative Care
- Mental Health Services
- Outpatient Department, including specialist Out-Patient Services are provided by Visiting Consultants.

A 24-bed continuing care unit for older people serving the catchment area is also located in the hospital, with 5 beds allocated to respite care.

Bantry General Hospital Laboratory
Laboratory Tel: 027 53472/52910
Fax: 022 53473

General Haematology Laboratory
The laboratory provides a service to the Hospital and to the General Practitioners in the West Cork & South Kerry area. It is operational 24hrs per day, 7 days per week.

In 2010 the laboratory performed as follows:
FBC - 41,237, ESR > 20,000, INR > 21,000, APTT > 5,500
D dimer, Fibrinogen levels are also routinely available.

Blood transfusion Department INAB Accreditation awarded 15/09/2009
Since 2001 there has been an average of 416 units (range 378-537 units) of RCC and on average 10 units (range 4-18 units) of Platelets transfused per annum in Bantry General Hospital.
The laboratories at the South Infirmary Victoria University Hospital (SIVUH) are currently not accredited. The transfusion governance for the SIVUH is provided by the Irish Blood Transfusion Service (IBTS).

Dr. Derville O’Shea is involved in providing haematology laboratory governance for SIVUH. The role of the SIVH changing due to service reconfiguration.

This laboratory supports a large anti-coagulation service and supports the Emergency Department, day oncology services, surgical services and acute medical services of the hospital.

The SIVH anti coagulation service is not managed by CUH Haematology staff.
MALLOW GENERAL HOSPITAL

Mallow General Hospital is an acute 76 bedded hospital situated in North Cork. The Hospital serves a population of between 85,000 – 90,000 people. Working in close collaboration with primary care physicians, Mallow General Hospital provides second level care for the population of Mallow and the hinterland of North Cork. As part of the Cork University Hospital Group, the hospital has close links with tertiary care centres in Cork city.

Mallow General Hospital provides transfusion services to sustain surgical and medical activity in the hospital. As with other transfusion laboratories this laboratory is accredited by INAB and derives consultant oversight from CUH Haematology Consultants- Dr. Susan O’Shea/Dr. Cleona Duggan (job sharing partners), who visit Mallow General Hospital on a regular basis and who also supervise and advise on the drafting and implementation of all documentation concerning the transfusion process.

The services provided at Mallow General Hospital include: General Surgery (including Urology & ENT), General Medicine (including Cardiology & Gastroenterology), Day Procedure Unit, Intensive Care/Coronary Care, 24 Hour Accident & Emergency, Radiology and Out-Patient Department.

The Hospital is involved in teaching nursing, medical, and paramedical students. An in-service education programme is co-ordinated by the hospital’s clinical development co-ordinator.

**Among the services the hospital provides are:**

- Accident and Emergency care in the Casualty Department
- General Medicine
- General Surgery

Also in the hospital are the specialities of:

- Cardiology
- Geriatric Medicine
- Gastroenterology
- Ear, nose and throat Surgery
- Urological Surgery
- Laparoscopic Surgery
MERCY UNIVERSITY HOSPITAL

Mercy University Hospital was established by the Mercy Order in 1857 as a 40-bed hospital staffed by four Sisters.

In 2011, the hospital provides approximately 350 beds and offers a wide range of specialities which provide in-patient, day patient, out-patient and emergency services. The Hospital also participates in the medical undergraduate training programme that runs in association with the National University of Ireland.

The Mercy University Hospital provides the following services:

| Anaesthesia, Intensive Care & Pain Medicine | Haematology |
| Cardiac Rehabilitation | Oncology |
| Haematology, Transfusion, Microbiology and Biochemistry laboratory Departments | Ophthalmology |
| Clinical Neurophysiology | Paediatrics |
| Clinical Pharmacology and Cardiology | Palliative Care |
| Cork Cancer Research Centre | Respiratory |
| Ears Nose & Throat | General Surgery |
| Emergency Department | The National HHT Centre |
| Gastroenterology | Urology |
| Geriatric Medicine | Vascular |
| | Gynaecology |
HAEMATOLOGY IN-PATIENT SERVICE

The inpatient service in CUH houses the regional acute leukaemia diagnostic and treatment service.

As well as this the haematology staff provide services for treating myeloma, lymphoma (in conjunction with Oncology consultants) and other haematological malignancies. Close links are maintained with the Mercy University Hospital.

The inpatient service also covers maternity haematology, coagulation and consultation to other services.

Inpatients are looked after by a dedicated team of doctors, led by a consultant exclusively dedicated to the service. Patient with acute leukaemia are looked after in the acute leukaemia unit in ward 2D.

The Department produces a regular “Clinical Haematology Services Report” every two years approximately and an annual laboratory services report.
HAEMATOLOGY DAY SERVICES

The Clinical Haematology Day Unit is accessed via the Dunmanway Day Unit. Day care services delivered to patients include blood transfusion, platelet transfusion, administration of iv antibiotics, plasmapheresis, venesection and bone marrow sampling. The unit is open Monday- Friday, 9a.m.-5p.m.

The Dunmanway Day Unit provides cancer chemotherapy to patients with haematological cancers e.g. leukaemia, myeloma, lymphoma. Patients with non-cancerous conditions who require intravenous (by drip) treatment are also seen here. It is located on the first floor of Cork University Hospital and can be accessed from the main hospital entrance or from the Outpatient Department Entrance.
LABORATORY HAEMATOLOGY

CUH haematology and transfusion laboratories have the largest sample throughput in the Republic of Ireland and process over 2000 full blood counts (FBC) and routine coagulation screens on a daily basis as well as 5000 haematinics samples weekly.

The blood transfusion laboratory performed 13,375 ante natal group and screens, almost 15,000 blood group analyses and cross matched more than 16,000 units of blood in 2010.

Both laboratories provide specialist diagnostic services to the complex patients looked after in this tertiary referral centre – the only level one trauma centre in Ireland.

In 2010 the transfusion laboratory was accredited by both CPA and INAB and the haematology laboratory is CPA accredited. In addition to providing services for patients, the laboratory also functions as a teaching laboratory and its scientists teach on site and in CIT/UCC. The laboratory has a steady throughput of scientists undertaking Masters degree’s ensuring a steady stream of academic and service development within the laboratory.

The Department produces a yearly laboratory services report in both Blood Transfusion and Haematology, with detailed service review and an evidence based service appraisal.
The Comprehensive Coagulation Centre provides a service to both adults and children with bleeding disorders, encompassing investigation, diagnosis and management. There is a multidisciplinary approach to the care of the patient and their family, with medical, nursing, physiotherapy, genetic counseling and support services available.

**Contact Details**
Comprehensive Coagulation Centre, Cork University Hospital, Cork  
Phone: (021) 4546400

### Clinics (Monday-Friday)

<table>
<thead>
<tr>
<th>Specialty</th>
<th>Day</th>
<th>Consultant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bleeding disorders Adult</td>
<td>Monday 10.00 -13.00</td>
<td>Dr O'Shea/Dr Duggan</td>
</tr>
<tr>
<td>Bleeding disorders Paediatric</td>
<td>Monday 10.00 -13.00</td>
<td>Dr Ryan</td>
</tr>
<tr>
<td>Adolescent Clinic</td>
<td>Monday 10.00 -13.00 (once every 3 months)</td>
<td>Dr O'Shea &amp; Dr Ryan</td>
</tr>
<tr>
<td>Carrier Testing Clinics &amp; Genetic Counseling</td>
<td>Wednesday by appointment only</td>
<td>Dr O'Shea/Dr Duggan/Dr Ryan</td>
</tr>
<tr>
<td>Adult Assessment Unit</td>
<td>Monday- Friday 9.00 -16.00 by appointment</td>
<td>Dr O'Shea/Dr Duggan/Dr Ryan</td>
</tr>
<tr>
<td>Paediatric Assessment</td>
<td>By appointment only</td>
<td>Dr C Ryan</td>
</tr>
<tr>
<td>GC Medical (Seahorse Day unit)</td>
<td>By appointment only</td>
<td>Haematology Registrar</td>
</tr>
<tr>
<td>Medical Social Work</td>
<td>By appointment only</td>
<td></td>
</tr>
<tr>
<td>Physiotherapy</td>
<td>By appointment only</td>
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</tr>
<tr>
<td>Dental Clinic</td>
<td>By appointment only</td>
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</table>

*If attending the centre for an assessment between 09.00 and 16.00, patients must telephone the centre or page the Haemophilia Nurse Specialists through the switchboard on 021 4546400, page 719 prior to arrival.*

### Emergency Service (Outside of opening hours)
Contact the Haematology Specialist Registrar (SPR) on call through the switchboard at the Cork University Hospital at 021 4546400. Patients will be reviewed by the Haematology Registrar in the Emergency Department. Paediatric patients will be reviewed initially in the Emergency Department, and treatment, if required, will be administered on the paediatric ward (Dolphin Ward)

[Click here](#) for list of staff of comprehensive coagulation centre
<table>
<thead>
<tr>
<th>Title</th>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consultant Haematologist (0.5 WTE)</td>
<td>Dr Susan O’Shea</td>
<td>021 4546400</td>
<td><a href="mailto:mary.dineen@hse.ie">mary.dineen@hse.ie</a></td>
</tr>
<tr>
<td>Consultant Haematologist (0.5 WTE)</td>
<td>Dr Cleona Duggan</td>
<td>021 4546400</td>
<td><a href="mailto:mary.dineen@hse.ie">mary.dineen@hse.ie</a></td>
</tr>
<tr>
<td>Consultant Paediatric Haematologist (CUH/MUH)</td>
<td>Dr Clodagh Ryan</td>
<td>021 4546400</td>
<td><a href="mailto:mary.dineen@hse.ie">mary.dineen@hse.ie</a></td>
</tr>
<tr>
<td>Secretary</td>
<td>Mary Dineen</td>
<td>021 4546400</td>
<td><a href="mailto:mary.dineen@hse.ie">mary.dineen@hse.ie</a></td>
</tr>
<tr>
<td>Clinical Nurse Specialists (All 0.5 WTE)</td>
<td>Helen Browne</td>
<td>021 4922278 / 4920159</td>
<td><a href="mailto:hcd@hse.ie">hcd@hse.ie</a></td>
</tr>
<tr>
<td></td>
<td>Brid Booth Fleming</td>
<td></td>
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<tr>
<td></td>
<td>Norma Collins</td>
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<td></td>
<td>Ann Marie Ryan Hall</td>
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</tr>
<tr>
<td>Data Manager (0.2 approx)</td>
<td>Una O’Sullivan</td>
<td>021 4546400</td>
<td></td>
</tr>
<tr>
<td>Physiotherapy (part time)</td>
<td>Nora Bradley</td>
<td>021 4922400</td>
<td></td>
</tr>
<tr>
<td>Dentist (part Time)</td>
<td>Dr Brian Twomey</td>
<td>021 4546400</td>
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CUMH opened in March 2007 and involved the amalgamation of maternity services from Erinville Hospital, St. Finbarr’s Maternity Hospital, Bon Secours Maternity Unit and Gynaecology services from Cork University Hospital.

CUMH is integrated with and located on the campus of Cork University Hospital. The building has six floors and an underground car park. The Haematology clinic is on the first floor in the ante natal clinic area. In 2008, there were 8,786 births in Cork University Maternity Hospital making it the third largest maternity unit in the country and the only unit on the campus of a general hospital.

Since 2004, a combined obstetric haematology high risk clinic has been operational in the Erinville hospital. This transferred to the CUMH. Consultants from the Haematology Department now see up to 90 new patients annually in the joint Obstetric-Haematology outpatient clinic at CUMH on alternate Mondays.

**CLINICAL BLOOD TRANSFUSION**

Clinical governance of the Blood Transfusion laboratory is provided by Consultant Haematologists based at CUH, as is a clinical haematology advisory service.

For the Maternity (CUMH) hospital this service encompasses the diagnosis and clinical advice on red cell antibodies which can arise in pregnancy. This is a consultant provided service.
The haematology department in CUH actively participates in teaching and research. Medical students from the clinical years are attached to the department for their clinical attachments, projects and project supervision and are taught in small group teaching and lectures in both medicine and pathology. Students taking the BSc and MSc in public health are also attached to this department from time to time. The haematology medical staff also teach specialist nursing staff, and contribute the laboratory science degree level teaching in Cork Institute of Technology (CIT) and University College Cork (UCC).

The department has strong links with UCC, Weil Cornell University (New York) and Cork Cancer Research Centre (CCRC) participating in research in leukaemia and stem cell biology. Department of Biochemistry in UCC has an Scientific Foundation Ireland funded research programme on Acute Myeloid Leukaemia linked with the department of haematology in CUH. The haematology department participates in clinical trials, research and development in the areas of haemostasis and thrombosis and collaborative work that is also being undertaken with the department of obstetrics in UCC. The department has established links with the Department of Epidemiology and Public Health in UCC and currently houses the stored samples form the National SLAN Survey.

Developments in CUH Department of Haematology

"In 2010 the departments research collaborations have led to the successful funding and appointment of a research registrar. This programme is a collaboration between CUH Department of Haematology, University College Cork - Cork Cancer Research Centre (CCRC) and Weill Cornell medical school in New York. Our registrar will study for a PhD, and carry out basic and translational research in cancer biology rotating between the three centres and spending one year in Weill Cornell."

Quick useful links

Cork Cancer Research Centre
http://www.ccrc.ie/

University College Cork (UCC)
http://www.ucc.ie/en/

Cornell University-New York
http://www.cornell.edu/
PATIENT INFORMATION LEAFLET

✓ Atrial Fibrillation Warfarin clinic

✓ Deep Vein Thrombosis Warfarin clinic

✓ Postal Vit K alcohol Warfarin clinic

✓ Warfarin clinic newsletter

✓ Valves reasons high International Normalised Ration Warfarin clinic

✓ Warfarin clinic

✓ Warfarin clinic

✓ Warfarin clinic [Dental]

✓ Warfarin clinic [New patient blood journey]

✓ Peripheral blood Stem Transplant leaflet amended

✓ June 2011 warfarin clinic newsletter
Mission Statement for the Department of Haematology @ Cork University Hospital

The department of clinical and laboratory haematology at Cork University Hospital (CUH) is committed to providing comprehensive care for patients suffering from all types of blood and bone marrow disorders.

Our service is backed up by an accredited blood transfusion and haematology diagnostic laboratory which strives to meet the highest standards of quality. Our staff are dedicated to communicating diagnoses, delivering treatment and providing follow up care with competence and compassion. We aim to provide holistic support in the physical and psychological journey which our patients undergo.
CONTACT DEPARTMENT OF HAEMATOLOGY

<table>
<thead>
<tr>
<th>Consultant Haematologist</th>
<th>Hospitals</th>
</tr>
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<tbody>
<tr>
<td>Dr. Mary Cahill</td>
<td>CUH/ KGH</td>
</tr>
<tr>
<td>Dr. Cleona Duggan</td>
<td>CUH / MUH / MGH/ BSHT</td>
</tr>
<tr>
<td>Dr. Oonagh Gilligan</td>
<td>CUH/ KGH</td>
</tr>
<tr>
<td>Dr. Michael Madden</td>
<td>MUH / CUH (4 sessions)</td>
</tr>
<tr>
<td>Dr. Susan O'Shea</td>
<td>CUH / MUH / MGH</td>
</tr>
<tr>
<td>Dr. Derville O'Shea</td>
<td>CUH/ SIVH/ BGH</td>
</tr>
<tr>
<td>Dr. Clodagh Ryan</td>
<td>MUH / CUH (2 sessions) / OLHC</td>
</tr>
</tbody>
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List of Administration Staff

<table>
<thead>
<tr>
<th>Gillian Kelleher (Administration Officer)</th>
<th>Secretary to Dr. Mary Cahill, and, Dr. Derville O'Shea.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michelle O'Mahony</td>
<td>Secretary to Dr. Susan O’Shea, Dr. Cleona Duggan, and, Dr. Clodagh Ryan. Secretary to Dr. Oonagh Gilligan.</td>
</tr>
<tr>
<td>Mary Dineen</td>
<td>Secretary</td>
</tr>
<tr>
<td>Una O’Sullivan</td>
<td>Haemophilia Data Manager</td>
</tr>
<tr>
<td>Damian McGovern</td>
<td>Business Manager</td>
</tr>
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List of Current Registrars in Haematology (CUH/MUH and UCC)

<table>
<thead>
<tr>
<th>Name</th>
<th>Hospital and Years</th>
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<tbody>
<tr>
<td>Dr. Mark Coyne (SpR)</td>
<td>CUH 2011-12</td>
</tr>
<tr>
<td>Dr. Muhammad Khan (Reg)</td>
<td>CUH 2010/2011/2012</td>
</tr>
<tr>
<td>Dr Barry Kevane (SpR)</td>
<td>CUH 2011/2012</td>
</tr>
<tr>
<td>Dr. Nina Orfali (Reg and research fellow)</td>
<td>CUH 2011/2012/2013</td>
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<tr>
<td>Vacant registrar post (locum)</td>
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List of Specialist Nurses in Haematology

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>Sinead Mortell</td>
<td>A/CNS, Haematology Day Unit</td>
</tr>
<tr>
<td>Anne Fitzgerald</td>
<td>A/CNS, Haematology Day Unit</td>
</tr>
<tr>
<td>Norma Collins (0.5 WTE)</td>
<td>CNS, Haematology Day Ward, CUH</td>
</tr>
<tr>
<td>Helen Browne (0.5 WTE)</td>
<td>Haemophilia Nurse Specialist, CUH</td>
</tr>
<tr>
<td>Brid Booth-Fleming (0.5 WTE)</td>
<td>Haemophilia Nurse Specialist, CUH</td>
</tr>
<tr>
<td>Ann- Marie Ryan Hall (0.5 WTE)</td>
<td>Haemophilia Nurse Specialist, CUH</td>
</tr>
<tr>
<td>Maura Warren</td>
<td>Transplant Co-ordinator Nurse sp.</td>
</tr>
<tr>
<td></td>
<td>Haematology Nurse Specialist, CUH</td>
</tr>
<tr>
<td></td>
<td>CNM2, Haematology, CUH</td>
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