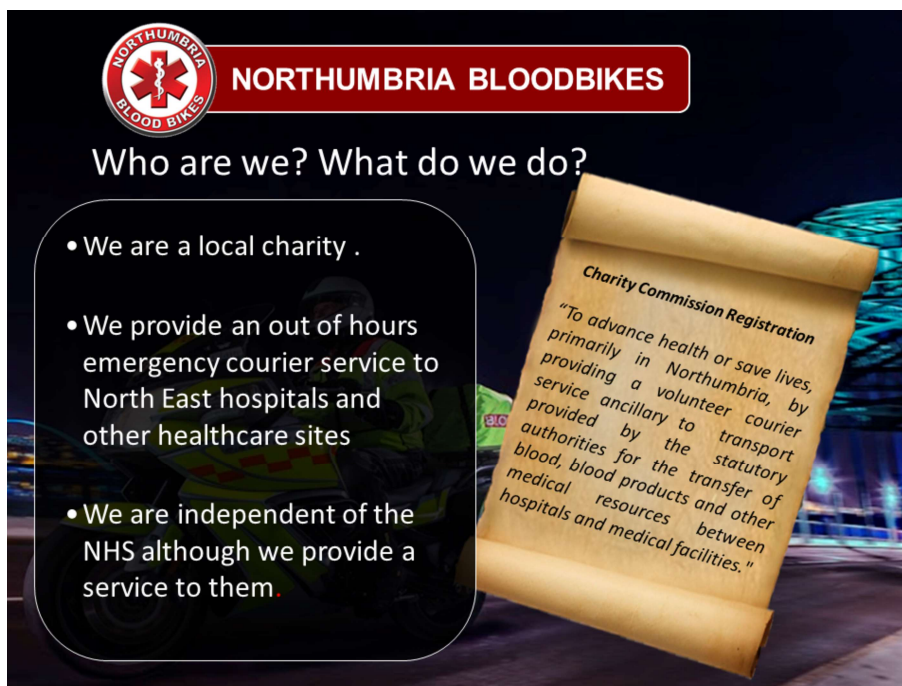




- Hello My Name Is
- I'm a Rider / Driver / Volunteer with Northumbria Blood Bikes
- Thanks for the opportunity to share our story with you
- Straw Poll – “how many of you have heard of us or know what we do”



NORTHUMBRIA BLOOD BIKES

Who are we? What do we do?

- We are a local charity .
- We provide an out of hours emergency courier service to North East hospitals and other healthcare sites
- We are independent of the NHS although we provide a service to them.

Charity Commission Registration

"To advance health or save lives, primarily in Northumbria, by providing a volunteer courier service ancillary to transport authorities by the statutory provided for the transfer of blood, blood products and other medical resources between hospitals and medical facilities."

We are a charity.

When NHS couriers go home, hospitals used to rely on taxis or couriers to move urgent items out of hours.

We are not part of the NHS, or Blood Transfusion Service, but an independent charity.

Our charitable aim is to improve health and save lives.



NORTHUMBRIA BLOODBIKES


Background & History

- Blood Bike groups have existed for 40+ years
- Volunteer led, free out-of-hours service
- Carry blood, blood products and other urgent items
- 2009: Nationwide Association of Blood Bikes (NABB) established
- 2012: Member groups carried out 25,000 runs for the NHS
- **2012: Northumbria Blood Bikes is formed in September**
- 2013: 22 bloodbike groups across the country
- **2014: NBB began live operations in February**
- 2016: 35 independent Blood Bike groups across the country (27 NABB Members) – covering almost all of the UK

Only the North of Scotland is not covered.

A group is forming based in Aberdeen to cover the NE of Scotland

Of the 8 groups that are not members of NABB, many are working towards the standards required for membership




NORTHUMBRIA BLOODBIKES

What do we do?

- We deliver urgent Blood, Platelets, Specimens, Fluids, Equipment.
- We recruit, train, and motivate volunteers to work with us
- We run a fleet of around a dozen vehicles
- We organise fundraising and awareness events, and solicit donations, sponsorship and publicity from.. Anywhere and Anyone!
- We do our own publicity: Newsletters, radio & TV interviews, banners, posters, promotional items, talks & presentations
- We negotiate with Health Trusts, NEAS, NHSBT, GNAAS.
- We are accountable; we record statistics, legal administration, evidence-backed with receipts, activity logs & recordings.

Delivering to hospitals is the visible part of our service, our equivalent of a duck on the lake


Everything else is what it takes to enable the delivery service – paddling like mad under the water.



NORTHUMBRIA BLOODBIKES

Our Coverage:


- We cover 7pm to 7am, every day, 365 days per year.
- We also work around the clock on weekends & public holidays
- We cover Northumberland, Tyne & Wear, Durham and Darlington.
- From Berwick to Darlington & DTV thru Barnard Castle, & Hexham to Sunderland and North Tyneside



The map outlines our region

It is more or less the medieval kingdom of Northumbria. (Originally it included North Yorkshire hence “North of the Humber Area”)

We can do relay runs with neighbouring groups.




NORTHUMBRIA BLOODBIKES

Our Funding:

- Our service is completely free of charge to the NHS
- Nobody takes a salary..... every member works for free.
- Funded wholly by donations from the general public, sponsorship & events. No government or NHS contribution.
- Hundreds of Thousands of £££s saved in taxi & courier costs - which can be re-invested into patient care, equipment, extra nurses etc.

We are led to believe that just one of the Trusts in the North East saved over £50,000 last financial year as a result of NBB.



NORTHUMBRIA BLOODBIKES

Why use Motorbikes?

- Good for negotiating traffic congestion due to filtering ability
- Riders can use "No Car" lanes
- Motorcycles provide better fuel economy, reducing costs.
- We promote the positive image of motorcycling, hopefully changing people's perceptions and allowing them to see riders in a more positive light.
- Through our rigorous training requirements, we are putting safer riders onto the roads, with over 100 riders having taken advanced rider training and slow riding technique training.
- However, we use cars too: When ambient temperature falls below 3° C regulations prohibit carriage of whole blood by motorcycle. We also use cars/vans for carrying equipment and towing our trailers.

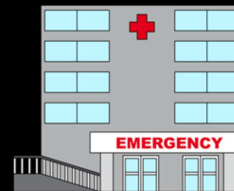
Filtering is legal in the UK

We can use "no Car" or Bus lanes except in Gateshead who don't/won't allow it. In Newcastle we have dispensation for our cars to use the No-Car lanes in Emergencies




NORTHUMBRIA BLOODBIKES

How it works:




Alternatively they may wait for a callout at one of the hospitals



NORTHUMBRIA BLOODBIKES

How it works:



- We have a “virtual number” in the cloud for hospitals to call us.
- Our volunteers can redirect the number to their home phone.
- Hospitals call our ‘hotline’ number, our volunteer gets the call.
- We take the details of the job, and pass them to a rider / driver.
- Rider / driver collects and delivers the package keeping controller informed.



NORTHUMBRIA BLOODBIKES

The information we need:

From the Hospital:

- **WHERE FROM ?**
- **WHERE TO ?**
- **WHAT IS IT?**
- **HOW URGENT?**
- **NAME?**
- **CONTACT NUMBER?**

For our records / traceability:

- **Time of hospital CALL**
- **Name of person assigned**
- **Time job was assigned**
- **TIME COLLECTED**
- **TIME DELIVERED**
- **TIME Stood down!**



NORTHUMBRIA BLOODBIKES

Operating Methodology:

- Members all carry photo I.D.
- All have an advanced riding or driving qualification
- Riding / Driving is assessed annually
- All receive GMP Blood Handling training
- Trained to use "blue lights" in emergencies
- Members use dedicated, liveried, vehicles - not their own.
- Tracking devices fitted which alert on speed infringements, or alert shift controller of any problems.
- Employer & Public liability insurances in place
- **All paid for by fundraising, no NHS contribution.**



At the time of the photo (Feb 2014) this represented the complete fleet of vehicles - 2 motorcycles

there are 31 people in the photo (plus two taking photos) that represented about 90% of the membership at the time

Earlier this year we refreshed the group portraits.

You can see the fleet has grown considerably

However, as it was the summer holiday period, we still only had around thirty members at the photoshoot – only now it represented between around 5% of the group.

Even these photos are already out of date – we've added another car, one of the bikes has been replaced.



NORTHUMBRIA BLOODBIKES

Our Vehicle Fleet:

- 2 x Yamaha FJR
- 4 x Honda ST1300 Pan Europeans
- 3 x Triumph Trophy
- 2 x Skoda Yeti
- 1 x Vauxhall Mokka
- 1 x Renault Kangoo
- 1 Exhibition trailer





NORTHUMBRIA BLOODBIKES

Membership:

- 570 Members in total.
- 300+ Riders, of which
 - 150+ are advanced qualified
 - 96 are on the riders register
- 286 Drivers, of which
 - 129 are advanced qualified
 - 53 are on the drivers register.
- (32 members are on both registers).
- 69 x Shift Controllers trained.



NORTHUMBRIA BLOODBIKES

Highlights:

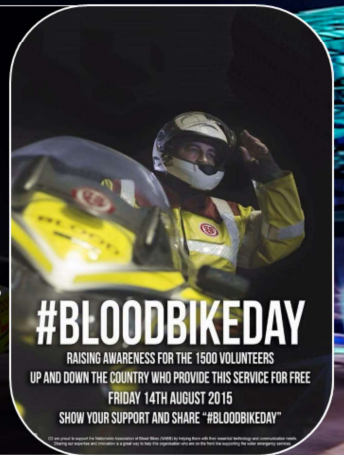
Aug 2016: 2nd annual
"National Blood Bike Awareness Day"

Involvement from groups across the country,
with television, radio & press coverage.

Awareness stands around the region

Substantial increase in membership enquiries
in the days immediately after the event.

Northumbria Blood Bikes innovation





NORTHUMBRIA BLOODBIKES

Highlights:

- Now operating 2-3 vehicles each shift
- Taking jobs from Newcastle's Centre for Life
- Regular scheduled runs from Hexham.
- One of our founder members, Barry Bullas, receives an MBE "For services to charity".
- February 2016: 250,000 duty miles covered!
- August 2016: 10,000 jobs completed!
- Boxing Day 2016: 2nd all-female shift



Celebrating

10,000

Deliveries for the NHS
since Feb 2014

BLUE LIGHT NEWS

Bring on the girls!

THE lady members of Northumbria Blood Bikes have operated the first ever all-female Blood Bike shift, an entire 12 hour shift on Boxing Day 2015, delivered solely by women.


In a first for any of the volunteer Blood Bike groups across the country, Northumbria Blood Bikes (NBB) with three lady riders, one lady driver and their lady shift co-ordinators, covered all NHS Acute Trusts in their region, from Darlington to the Scottish Borders, including the Newcastle Upon Tyne Hospitals NHS Trust, which is one of the busiest in the country.

Philippa Bromley, Northumbria Blood Bikes' first lady rider and one of those providing

the service on Boxing Day, said: "For a long while I was the only female rider providing the service alongside my male colleagues. Now it's great that we have many more lady members in all four volunteer areas-riding, driving, co-ordinating and fundraising. Every NBB volunteer whether male or female plays a vital role in providing the service 365 days a year, but by covering an entire shift with only female volunteers, we wanted to demonstrate how actively we are involved and how the group welcomes and supports its female members."

John Stepney, Chairman of the Nationwide Association of Blood Bikes, said: "For many people Christmas is the most "important family" time of the year. However our life saving service must continue 365 days a year so we'll rely on hundreds of men and women who give their time for free. It's with great pride that we are running our first ever Blood Bikes all female shift during Boxing Day 2016 and it is a wonderful showcase of the fabulous work our female volunteers do." • To read more about NBB turn to pages 26 and 27.






NORTHUMBRIA BLOODBIKES

"Blood On Board" ("BoB")

"The delivery of blood, daily, to each of the two Great North Air Ambulance helicopters, to enable blood transfusions at the scene of an accident instead of waiting until the patient reaches a hospital"

Idea came from frontline military field hospitals in Afghanistan
Only group "O negative" blood used - can be used for any blood type
Specially insulated storage boxes maintain temperature for 48 hours
In-built electronics show if box temperature has breached thresholds
Blood transfused at scene is heated to body temperature "on the fly"
Unused blood is returned to hospitals before temperature drops, so that it can go back into refrigeration for use in operations: No waste!
Relays with another blood bike group to reach furthest base (Penrith)



"Blood On Board" ("BoB")

An update on the BoB project from GNAAS:

- 1st used within 24hrs of launch in Jan 2015.
- 60+ transfusions, one third of which contributed to survival
- 1250 cool boxes prepared, delivered & collected by blood bikes
- 100% delivery record, 100% accuracy of cool box tracking,
- 100% maintenance of cold chain (including 2 at 72hrs).
- 100% traceability, No transfusion reactions.
- So successful, scheme has expanded to include a MERIT car.
- **18 "unexpected survivors" directly attributed to BoB scheme.**

Update April 2016

Eighteen lives have been saved as a result of air ambulances carrying blood on board, the charity has said.



The Great North Air Ambulance Service (GNAAS), which covers the North East, Cumbria and North Yorkshire, started the scheme in January 2015.

Since then, medics have performed 60 transfusions, a third of which were deemed to have been of critical importance to survival.

Many others have had their outcomes improved by having the intervention.

Update sept 2016 –

1250 coolboxes delivered: figures from from NBB records



NORTHUMBRIA BLOODBIKES

"Blood On Board" ("BoB")

"The Great North Air Ambulance Service relies entirely on the Blood Bikes charity to deliver blood products to our two air bases in the North East and North West of England. The service they provide is extremely professional, reliable and without their service we would be unable to provide pre-hospital blood transfusions at the roadside to critically injured patients. Blood Bikes was the only organisation capable of meeting our needs and we have been impressed with every aspect of their service, from the training and qualifications of their riders, to the flexibility and "can do" attitude of their team. We are aware that this service is dependent on external charitable funding and would sincerely encourage potential donors to support this life-saving organisation."

Dr David Bramley, MBChB, FRCS(A&E)Ed, FCEM, FIMC RCSEd
Medical Director, GREAT NORTH AIR AMBULANCE SERVICE



NORTHUMBRIA BLOODBIKES

Patrons:



Carol Malia

BBC Television Presenter,
Deputy Lieutenant of Northumbria



Bob Jarman

MBBS MSc FRCS(Ed) FCEM FRCP(Ed) CFEU
Consultant in Emergency Medicine



Heidi Mottram OBE

CEO, Northumbrian Water



NORTHUMBRIA BLOODBIKES

Feedback:

"Before today I had no idea that this organisation existed, and realised very quickly that these could have been the people who helped to save my 2 year old niece's life this year because of transporting the blood she needed when the hospital she was in ran out of her type of blood in the middle of an operation.

Thank you so much XXX"

Carys Aston, passer-by at a blood bikes fundraising event at an ASDA store



NORTHUMBRIA BLOODBIKES

Feedback:

"A friend of my mother was taken by ambulance to Cramlington hospital last night and was given an emergency blood transfusion. On questioning the staff at hospital, my mother was informed that the blood was brought up specifically for her friend and it arrived by motorbike.

Without this it is unlikely she would've survived. So on behalf of my mother (who is an emotional wreck), her friend who had the transfusion, and most importantly her children who would've lost their mother: A huge thank you and all their love to all of you.

Thanks guys and gals, you rock!"

Posted on our Facebook page by Paul Bainbridge.

