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# GOSH response to Charlie Gard Court of Appeal ruling today

25 May 2017

**We recognise that this is a very distressing situation and for no one more than Charlie's devoted parents and family.**

Charlie is a terminally ill child with an exceptionally low quality of life. Our priority at Great Ormond Street Hospital must always be to protect the best interests of the child.



We work extremely hard to deliver the best possible care for all the children entrusted to us and use pioneering treatments, wherever possible. In Charlie's case, we explored the request to use a therapy that had not been used before and sought independent medical opinions on what would represent the best possible treatment for Charlie.

The medical and legal consensus, confirmed by today's ruling, is that it is in Charlie's best interests to be allowed to die with dignity.

This is a sad day for everyone who has been touched by this case. Our priority is now to work with the parents as we continue to care for Charlie and progress towards the next steps.

## Background

**Information drawn from the judgement delivered by Mr Justice Francis in the High Court of Justice Family Division on Tuesday 11 April 2017**

### Charlie's condition:

- Charlie's condition is exceptionally rare. He suffers from an inherited mitochondrial disease called infantile onset encephalomyopathic mitochondrial DNA depletion syndrome, referred to generally as "MDDS". He suffers specifically from the RRM2B mutation of MDDS.
- In Charlie's case, his brain, muscle and ability to breathe are all severely affected. In addition, he has congenital deafness and a severe epilepsy disorder. His heart, liver and kidneys are also affected but not severely.
- Charlie has severe progressive muscle weakness and cannot move his arms or legs or breathe unaided. No one can be certain whether or not Charlie feels pain.
- One of the leading experts in the world with a special interest in mitochondrial diseases has concluded that Charlie has infantile onset RRM2B deficiency which is the most severe form.

### Possible treatment

- Charlie's parents have applied to take him to the United States for nucleoside therapy treatment. The doctor in the United States has not had the opportunity of examining Charlie but, based on the medical information available to him, has

acknowledged that he thinks Charlie “is in the terminal stage of his illness”.

- Great Ormond Street Hospital did apply for ethical permission to attempt nucleoside therapy on Charlie - a treatment that has never been used on patients with this form of MDDS. By the time that decision was made, Charlie’s condition had greatly worsened and the view was that his epileptic encephalopathy was such that his brain damage was severe and irreversible that treatment was potentially painful but incapable of achieving anything positive for him.
- Nucleoside therapy has been referred to as “pioneering treatment”. In fact, this type of treatment has not even reached the experimental stage on mice let alone been tried on humans with this particular strain of MDDS.
- It is the view of all those who have treated and been consulted in relation to Charlie such treatment would be “futile”. This was specifically stated by the Judge who adjudicated in the High Court Trial, Mr Justice Francis, that the treatment: “would be of no effect but may well cause pain, suffering and distress to Charlie.”
- Ms Butler-Cole, who represented the Guardian appointed to legally represent Charlie in court, stated in her closing submissions that:  
“The Guardian has listened closely to the oral evidence during the hearing this week and has concluded that it is not in Charlie’s best interests to travel to America to receive nucleoside therapy. This is not pioneering or lifesaving treatment, but a purely experimental process with no real prospect of improving Charlie’s condition or quality of life.”
- The Guardian’s view is that it cannot be in Charlie’s best interests to subject to him to experimentation and the pain that this will cause in circumstances where there is no prospect of benefit.
- The Judge in the High Court trial concluded:  
“The prospect of the nucleoside treatment having any benefit is as close to zero as makes no difference. In other words, as I have already said, it is futile.”  
“In my judgement, it is putting it far too high to say that there is an available treatment with potential materially to improve Charlie’s quality of life.”
- He also added:  
“There is a consensus from all of the consultants and doctors who have examined Charlie that nucleoside treatment is futile.”

[Access full judgment information from Tuesday 11 April 2017.](#)

[Frequently Asked Questions \(FAQs\) about the Charlie Gard court case](#)

## Contact Information

For further information please contact the GOSH-ICH Press Office on 020 7239 3039.

For genuine and urgent out-of-hours queries call switchboard on 020 7405 9200.

## Notes to Editors

Great Ormond Street Hospital for Children NHS Trust is the country’s leading centre for treating sick children, with the widest range of specialists under one roof.

With the UCL Great Ormond Street Institute of Child Health, we are the largest centre for paediatric research outside the US and play a key role in training children’s health specialists for the future.

**GOSH response to Charlie Gard High Court ruling today**



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