

Date: 1.8.2019

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ESPGHAN Office  
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Switzerland

### International Exchange Award 2019 Report

I had the privilege to be amongst the successful application of ESPGHAN international Exchange Award 2019. It gave me opportunity to work in Liver Unit, Birmingham's Women's and Children Hospital (BCH), Birmingham, UK for 6 weeks from 20<sup>th</sup> May till 28<sup>th</sup> June 2019, one of the leading center for liver and multi-visceral transplant in UK.

It was a great pleasure for me to work under supervision of Dr. Girish Gupte in Liver Unit at Birmingham Women's and Children's Hospital, UK. During my 6 weeks stay, I consolidated on my knowledge about liver disease in children. I was fortunate to be involved in management of post liver transplant care of three children who underwent liver transplant for indications such as Alpha 1 antitrypsin deficiency, Citrullinemia and refractory autoimmune liver disease requiring second transplant.

I have actively participated and attended in pre transplant work up of children with failed Kasai's portoenterostomy for biliary atresia, seronegative acute liver failure, unresectable hepatoblastoma, Joubert syndrome, Ciliopathy, Wilsonian crisis, chronic liver disease due to alpha 1 antitrypsin def etc.

I attended liver clinic and OPDs such as post liver transplant clinic, hepatitis clinic, metabolic liver disease, adolescent clinic, transition care clinic for adolescent etc. I also attended the feedback sessions of registrars and consultants at outpatient clinic review meetings.

I have also participated in the ward rounds, where I learned about holistic care involving different multidisciplinary team input such as nutritionist, adolescent care specialist, specialist nurses, physiotherapist etc. I particularly enjoyed learning about nutritional rehabilitation program especially in metabolic liver disease and intestinal failure cases.

I was pleased to attend and have insight from other specialty in radiology MDT, Histopathology session, research sessions along with trainee. I saw and learned new technique of liver biopsy (Suction biopsy), therapeutic endoscopy including banding, PEG insertion, EUS guided drainage of pseudocyst etc.

I was actively involved in research too during my 6 week tenure. I have conducted two audit projects, one on donor specific antibody and C4D staining on liver biopsy in post liver transplant patients having acute rejection under supervision of Dr. Girish Gupte. Second one was involving neonatal acute liver failure managed in Liver unit since 1990 till 2018 and I will be publishing soon along with Dr. Chaya Kelgeri, Liver Consultant.

It was an excellent experience because colleagues from Liver Unit were keen to share their knowledge with me. The experience of seeing, managing such different and complex liver disease have definitely gave me boost and confidence This would help me in implementing the same model of care for chronic liver disease at Deenanath Mangeshkar Hospital, Pune, India.

It was great pleasure to be part of liver team and having the opportunity to interact with all world experts including the team leader Prof. Diedre Kelly at BCH.

This placement experience was extremely valuable, not only for my current research and clinical interests, but also for future collaborations. I am grateful for all their love and support, especially Dr. Girish Gupte, Dr. Indra Van Maurik, Dr. Chaya Kelgeri, Mr. Khalid Shariff and Prof. Darius Mirza.

I would like to thank ESPGHAN for the International Exchange Program Grant. Without their financial support, it would not have been possible.



Your's Sincerely  
Dr. Vishnu Biradar  
Pune, India



Signed and approved by Dr. Girish Gupte,  
Consultant Paediatric Hepatologist  
Liver Unit, (including Small Bowel Transplantation)  
Birmingham Women's and Children's Hospital, UK  
Date: 1.8.19