An A-Z of FOP...



is for ACVR1: the gene which, when it mutates, causes FOP. It leads to a faulty cell receptor Anti-activin A



is for BIG TOES: Malformed big toes. sometime accompanied by shortened thumbs, and unusual swellings, are key indicators of FOP.



is for CHROMOSOME: There are 23 pairs of chromosomes, which each store different genes. The FOP gene is found on chromosome 2a 23-24.



is for DIAGNOSIS: FOP is confirmed with a genetic blood test. Sadly, FOP is often still diagnosed too late, causing extra distress for the sufferer.



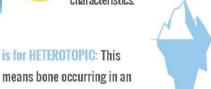
is for EPISODIC: FOP flare-ups occur in bursts, are often unpredictable, and can vary in length and frequency.



is for FLARE-UP: the inflammatory and often painful process that precedes new bone formation.



is for GENE: a gene is a small part of DNA that stores information. They contain the instructions for our individual characteristics.



is for ICEBERG: Researchers think that a drug to treat FOP could treat many other more common illnesses such as rare childhood cancers, osteoporosis, heart disease, burns, and sporting injuries.



is for JOINTS: When additional bone growth occurs across the joints, a sufferer will permanently

abnormal position or place.



FOP kids still need to be kids! There are so many ways to allow your child to create memories. Reach out to other FOP parents or older FOPers for support and ideas.



is for LUMPS: New FOP bone growth can leave lumps of bone in uncomfortable positions.

lose mobility In that joint.



is for MUTATION: FOP is usually caused as a result of a random mutation in the DNA at conception. An FOPer has a 50% chance of passing the condition on to their child.



is for NAPROXEN: This is an anti-inflammatory drug in the NSAID family, similar to ibuprofen, that is used to treat the symptoms of a flare-up.



is for OSTEOGENSIS: This is the process by which new bone is formed.



is for POH: Progressive Ossesous Heteroplasia, or POH, causes extra bone to grow in the skin, and other unwanted areas. The bony lumps can feel like grains of rice under the skin. As in FOP. extra POH bone formation near the joints can lead to pain, stiffness, locking and permanent immobility.





is for OUESTIONS: Whilst we understand more about FOP than ever, there are still many questions the researchers are trying to find answers to.



is for RECEPTOR: It is a faulty receptor in the FOP gene that tells cells to produce bone in response to an injury, or to simply make

more bone when it's not needed.



is for SWELLINGS: FOP patients can suffer from swellings that can look like tumours. These are what sometimes lead to misdiagnoses. The swellings can be red, painful and hot to the touch.



is for TRIALS: We now have two active trials. with others potentially on the horizon.



is for UNDERSTANDING: Learning to live with a condition such as FOP is no easy task. However, there are lots of support

groups available who understand your situation. You don't need to do this alone.





is for WELLBEING: Self-care and emotional wellbeing are just as important as your physical health. Talk to someone if you feel things are all getting too much.



is for X-RAYS: Different types of x-rays and scans can allow doctors to monitor extra bone growth in a patient.



is for YES! Living with FOP isn't easy, but try and find ways to adapt activities that will enable you or your child to join in and find a new 'normal'.



is for ZYGOTE: This is the stage of embryo development when the FOP mutation occurs.