Consequences of Brexit for the production industry of the following of the production industry of the following of the fol

Dr. David Lukishstesened A. May 2018 The Med Parish Transfer of the Med Par

Rejection of the agreement by the House of Commons

• 31 october 2009 Divorce between the United Kingdom and the EU

On the eve of the new European Commission taking office, the United Kingdom should stop being part of the European Union.

Referendum in the Whited Kingdom: 51.9% of votes in favour of "Brexit".

29 march 2017
Delivery of the Brexit notification lot.

Reproduction in March 2017
Delivery of the Brexit notification lot. the House of Commons

12 march 2019

Third rejection of the Theresa May agreement

11 april 2019

Brexit postponed to October 2 profundation in the Profundation in th Preliminary agreement on divorce, start of the second phase of negotiations

- The impact of Brexit is particularly farreaching because of
 - the role of medical devices in lifesaving and life-changing treatment,
- medical devices in the regulatory and life-changing treat

 the comprehensive regulatory framework,

 framework,

 cross-border supple

 use of propositive medical devices in the life and life-changing treat

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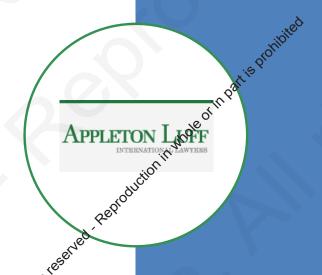
 use of propositive medical devices in the life and life-changing treat

 use of propositive medical devices in the life and life-changing treat

 use of propositive medical devices in the life and life-changing treat

 use of propositive medical devices in the life and life and
 - cross-border supply chains, and

Ensuring the continued supply and safety of medical devices is paramount.



KEY TRADE RISKS

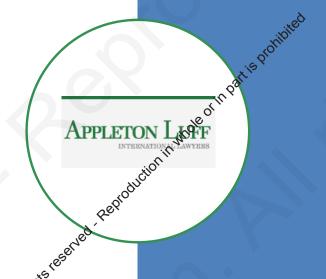
Y TRADE RISKS

Medical devices regularly cross borders during the supply chain.

- Components are sourced from different countriés.
- Mariufacturing stages are performed in different locations.

Products may continue to be moved around once on the market for cleaning and maintenance.

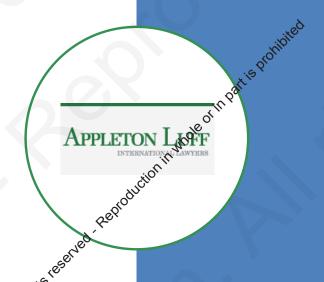
such as increased processing times at customs, Allighter resulting from Brexit significantly disrupt supply chains



RISK OF REGULATION DIVERGENCE

Much of the UK's current regulatory framework for medical devices stems from EU law.

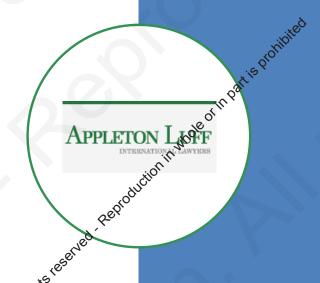
This framework has recently been overhauled with the introduction of two new regulations: the Medical Devices Regulation (MDR) and In Vitro Diagnostic Regulation (IVDR), which replace the three current EU medical device directives and apply from May 2020 and 2022 respectively.



RISK OF REGULATORY DIVERGENCE

The UK Government and industry are seeking close co-operation, regulatory alignment and minimal disruption for médical devices post-Brexit.

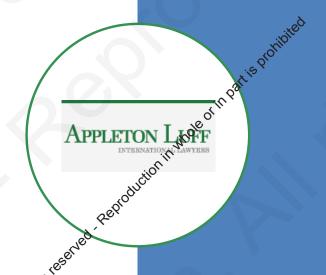
The UK has confirmed its intention to implement all key elements of the MDR and IVDR after exit.



RISK OF REGULATION DIVERGENCE

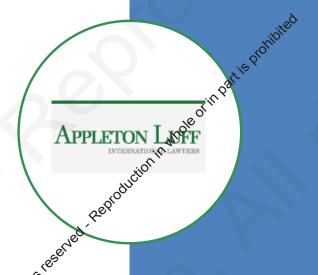
Unless the £027 and UK agree otherwise, the UK regulator, the MHRA, will not be able to participate in the newly established Medical Devices Coordination Group, which is tasked with developing guidance and taking decisions on the interpretation and implementation of the new MDR and IVDR.

The UK would also no longer have access to established EU structures such as the **European Databank on Medical Devices** (EUDAMED).



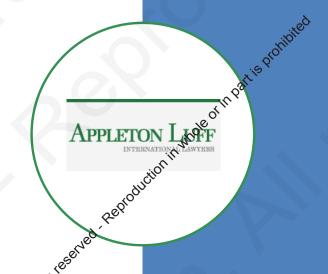
INNOVATION RISKS

• Brexit could impact on the UK's participation in EU research funding and collaboration programs, as well as access to EU scientists, researchers highly-skill



• A manufacturer supplying devices to the European market can only do so if the company is based in the "" an authorises"

The Commission has clarified that following a no-deal Brexit, the EU will not recognise UK-based Authorised Representatives.

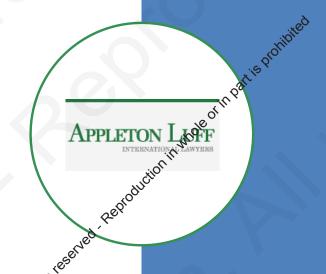


AUTHORIZED REPRESENTATIVES (AR)

UK mænufacturers may need to set up an establishment or appoint a third party authorised representative (AR) in a remaining EU27 state.

Similarly, manufacturers based outside the EU that currently have a UK AR may need to appoint a new AR located in a EU27 state.

Changes may also need to be made to product labels and instructions for use (IFUs) to include the details of new establishments or ARs

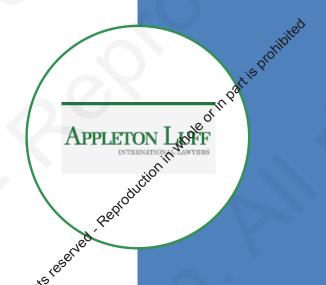


NOTIFIED BODIES

 CE certificates for EU regulations can only be issued by notified bodies based in the EU.

This means that all certificates issued by notified bodies based in the United Kingdom will become void after the withdrawal from the United Kingdom

 In other words, a manufacturer will no longer be able to place devices on the European market that require a valid CE certificate using a British notified body



ACCESS TO THE EU -S Number of in Part is Service to the control of the control

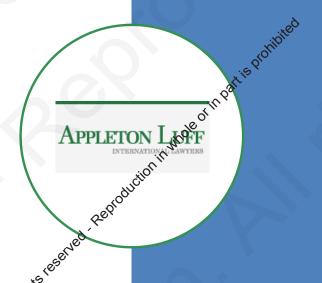
NOTIFIED BODIES

- Medical devices assessed by a UK Notified Body may need to be reassessed by a Notified Body in an EU27 state.
- ween 30 and devices used in the EU.

 ween areas such as emergency and routing the control of UK notified bodies covers more than two thirds of all devices used the EU, for example by:

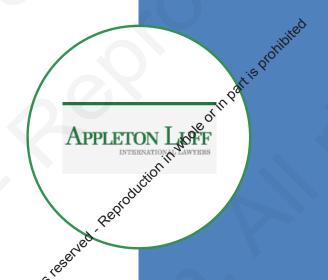
 Tests to are In Rey areas such as emergency and routine

 - Orthopaedic implants (knee and hip prostheses in particular)
 - Surgical sutures
 - Ophthalmology



EU DISTRIBUTORS BECOME

- Distributors of medical devices in EU 27
 markets that have been manufactured in the UK may become 'importers' taking on additional responsibilities under the new MOR and IVOR.
 - Companies established in the United Kingdom can no longer be used by other third countries as importers for the EU.



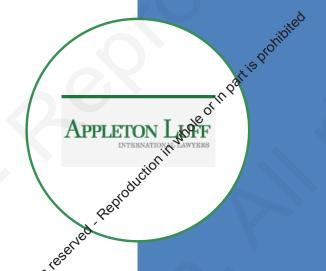
ACCESS OF O THE UK

UK RESPONSIBLE PERSON

The Exit Regulation

nufacture Continuations provide that a continuation of the EU must be seen in the EU must be seen to be seen in the EU must be seen to be seen (including those in the EU) must appoint a UK Responsible Person if they have devices

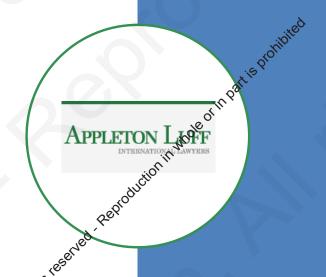
This Person must be physically located in the UK and capable of being contacted at any given time by the MHRA



NOTIFIED BODIES AND CONFORMITY ASSESSMENTS

- The UK Government has confirmed that the UK will continue to recognise EU27

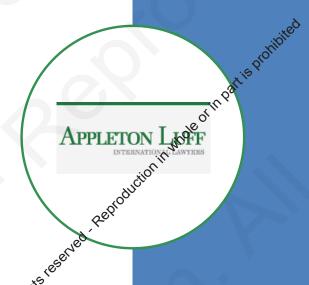
 Notified Body assessments, at least in the short term (including against the Medical Devices Directive 93/42/EEC and the EU MDR, once in effect).
 - The Exit Regulations provide for CE-marked products to continue to be placed on the market in the UK for a limited period of time.



ACCESS TO THE UK

REGISTRATION

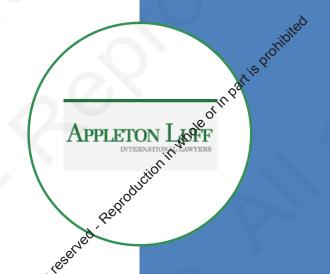
Whomesened Whereas previously only a narrow class of devices needed to be registered with the MHRA, following a no-deal Brexit, the Exit Regulations require all devices and IVDs being placed on the UK market to be registered, regardless of whether they have also been registered in an EU-27 country



REGISTRATION

Exit Regulations provious to enable manufacturers to come with the new 2019 of the Medical Providence of the Medical Provi The Exit Regulations provide for a manufacturers to come into compliance with the new registration requirements

- 4 months for higher risk devices
- 8 months for medium risk devices
- 12 months for lower risk devices

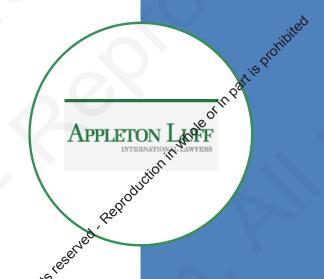


PERSONAL DATA TRANSFERS

medical devices generate and transfer patient health data to support patient care.

Additional safeguard put in "'

put in place for transfers of patient data between the UK and EU27.



No Brexit deal: hard Brexit.

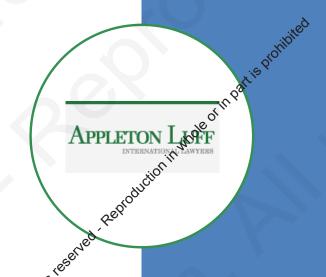
Yeal is signed: Repair ansition

Option 1 : Single Market

• Customs Union
• COption 3: Free Trade Area
Option 4: Mutual Roa
Agreement Option 4: Mutual Recognition

MRAS already exist with Australia, Canada, Japan, New Zealand, the USA, Israel and

Switzerland



A chank you for your attention!

Dr. David Luff — luff@a*

