

THE TURKISH “PHARMACEUTICALS TRACK&TRACE SYSTEM (ITS)”

- The Turkish “Pharmaceuticals Track and Trace System” defines the infrastructure for units belonging to each pharmaceutical product in Turkey. The abbreviation for this term is ITS.
- The ITS operates on the principle of providing track and tracing with the help of a secondary identifier and reporting the information to the system center, along with the formerly used barcode.

- This operating system is being worked on by a specific group of specialists for a long period of time; and, following many of meetings to which representatives from The Ministry of Health, The Ministry of Finance, The Social Security Association, non-governmental organizations on behalf of the pharmaceutical sector, The Turkish Pharmacists Association, other non-governmental organizations and consultants giving support and providing solutions to pharmaceutical companies, the establishment of the system and the barcode type to be “Datamatrix” were adopted.
- This system shall be operated by The Ministry of Health.

- The works of the system shall be appraised in two stages:
 1. Providing traceability of products;
 2. Data collection and assessment for the track and tracing of products.
- Works performed at the first stage may be gathered under two topics such as re-determination of identifiers to be located on product packagings, and determination of standards with regard to data transfer for track and tracing. At the second stage, data collection shall be provided.

- "Datamatrix" type, 2 dimensional barcode, appointed as a secondary identifier, shall be printed on all product packagings within 2008. Datamatrix called as "Karekod".
- The amendment of the regulation and the barcode guideline prepared in Turkish.
- Datamatrix will be printed on;
 - Pharmaceuticals
 - Reimbursable food supplements,
 - Reimbursable borderline products.

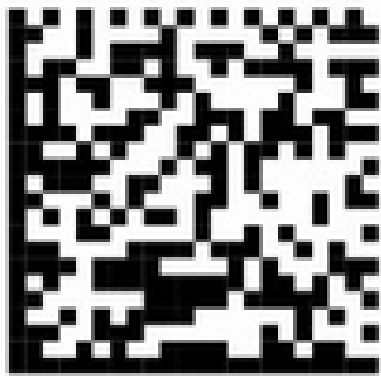
- Karekod(Datamatrix) is be printed on products, sample products and products for hospital use.
- Medical Devices are completely out of these system.
- Barcode and data standards have been worked on with GS1 Türkiye.

SECONDARY DRUG IDENTIFIER

- This 2 dimensional barcode is an automated data identifier with a matrix structure which is able to store more data in a narrower area. The use of a 2 dimensional barcode, alongside a linear barcode, a primary identifier, on drug packagings have been adopted in parallel with other studies in the world.
- A secondary identifier “Karekod” (Datamatrix) on drugs is decided to be as such:
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- This identifier content to be printed on outer packagings of drugs. Karekod has been designed to provide monitoring for the specific drug with various dimensions.
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- It is anticipated that secondary definers and optically readable information printed on product packagings shall be demonstrated as below: (Although this illustration is merely a sample, attention should be drawn to the fact that all content of information is printed on the right hand side...)



(01)08691234567890
(21)111323424679
(17)100331
(10)X2512061322

LABELS TO BE USED ON TRANSPORT UNITS

- It is mandatory that a identifier is printed on each parcel or other transport units packaging while transporting items.
- Provided that the transport units bears all information belonging to the packaging's inside of it, necessary information shall be easily read from the outer surface without being opened. Hence, procedures will ease and safety of the product will improve.