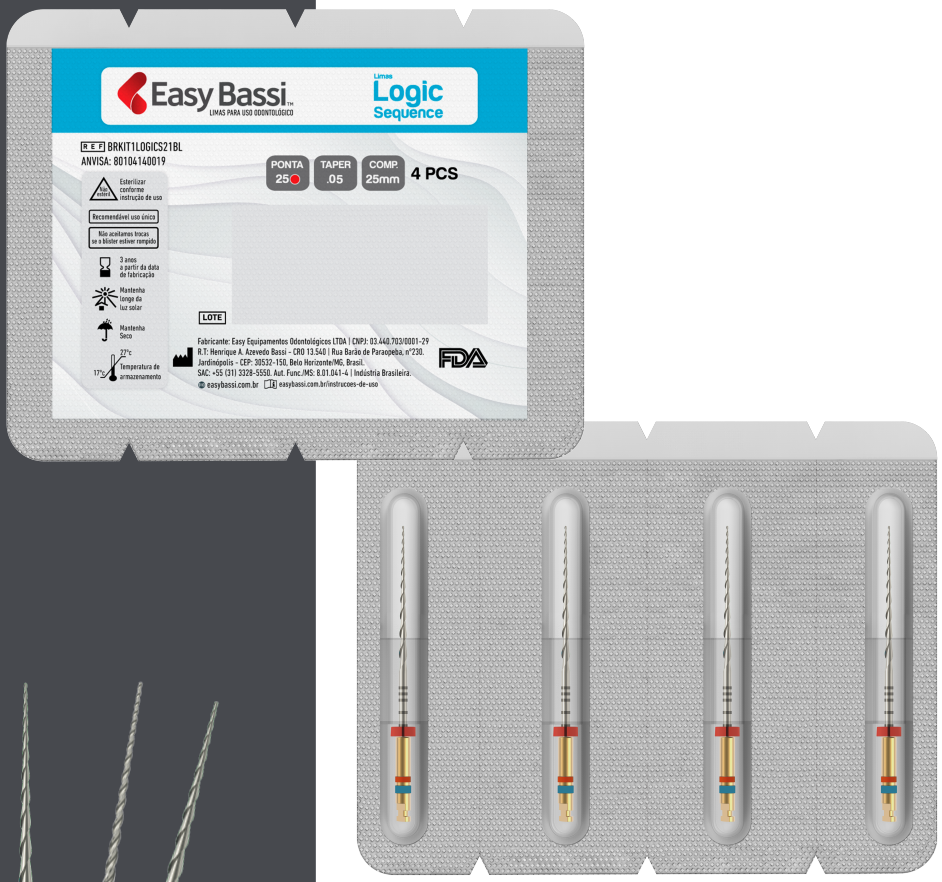
Easy Bassi™



LOGIC

Single-File Rotary System

Logic

The Logic system was one of the first single-file ROTARY systems launched in the market in 2013. The strong acceptance by users made the Logic file a market leader and sales success. The Logic system also innovated by using files with a .01 taper for negotiating root canals. This system is exported to various countries with great acceptance.

The Logic system was developed to address any particularities that an endodontic treatment may present. Designed based on scientific articles, literature, and the experience of endodontic specialists, it is a unique, efficient, and safe system that inspires user confidence due to its advanced manufacturing technologies and the best heat treatment in the market, which is proprietary to Easy Bassi.

Product Information

INSTRUMENT IDENTIFICATION

Logic files have an intuitive visual identification system, ensuring the user can safely select the appropriate instrument for each case.

They feature a gold handle with two colored bands indicating the tip diameter and taper of the file, complying with international ISO standards. The band closest to the blade represents the instrument's tip diameter, which can be white (15 and 45), yellow (20 and 50), red (25), blue (30), green (35), and black (40). The band further from the blade indicates the taper, which can be white (.01 and .10), yellow (.03), red (.04), blue (.05), and green (.06).

PACKAGING

Packaged in sets of 4 identical units, available in

15/03	30/01	40/03
15/05	30/03	40/05
25/01	30/05	45/01
25/03	35/01	50/01
25/04	35/03	45/05
25/05	35/05	
25/06	40/01	

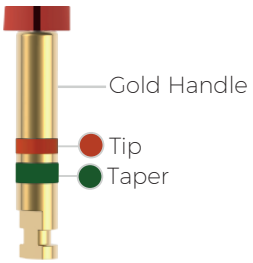
The following lengths: 21mm, 25mm, and 31mm, except for the 15/10 file in the Sequence Kit.

Features and Benefits

SMART DESIGN

The cross-sections of Logic files are designed according to the specific function of each instrument. The design serves several purposes:

Enhancing cutting efficiency and debris removal.
Ensuring flexibility and resistance to maintain patency.
Providing instrument stiffness to overcome obstacles such as blockages or sharp curvatures.
Key characteristics of the instruments include:



- “Double helix” for .03, .05, and .06 taper models.
- “Triple helix” for .04 taper models.
- “Quadruple helix” for .01 taper and 15/10 models.
- Quadrangular shape for 15/03 and 15/05 models.

Additionally, the spacing and angles of the cutting edges prevent a “screwing-in” effect, avoiding file binding and fracture inside the canal. The smart design is significantly superior due to Easy Bassi’s investments in high-tech machinery over the years.

HEAT TREATMENT

Logic files undergo a special heat treatment that enhances their mechanical properties compared to competitors.

Benefits of this treatment include:

- Increased flexibility.
- Higher transformation temperatures between martensite and austenite phases.
- Greater resistance to cyclic fatigue and torsional fracture.

By applying the heat treatment before cross-section formation, the cutting edges remain sharp, providing superior debris removal.

VERSATILITY

Due to the diversity of dental anatomies, specific care is required for each case. The versatility offered by the Logic system promotes personalized, efficient treatments. Patients benefit from quicker, less invasive procedures with long-term successful outcomes, enhancing satisfaction and trust in endodontic treatments.

SAFETY, FLEXIBILITY, EFFICIENCY, AND VERSATILITY

The combination of various technologies applied to Logic instruments (smart design and special heat treatment) ensures safer and more efficient endodontic treatment. The design provides smooth and efficient rotary motion. The cutting angles, designed to deliver superior flexibility, result in better performance compared to competitors. Additionally, the blade attributes allow optimal performance for each specific purpose.

The heat treatment applied to the system complements the smart design, promoting user safety and confidence. Logic instruments have a high austenite-martensite thermal transformation temperature, allowing the file to maintain its flexibility during use, even with the heat generated by friction against the tooth. This characteristic preserves the file's best heat-treated properties.

This heat treatment also allows the file to be pre-curved, facilitating canal access and enabling a high capacity to follow the original canal trajectory, reducing deviations and errors.

Together, the smart design and special heat treatment provide Logic with exceptional performance, demonstrated through laboratory tests conducted by academic institutions. These tests confirm its superiority in cyclic fatigue, angular deflection, and cutting efficiency through debris removal measurements. It is worth mentioning that the "brushing" motion with Logic files is unnecessary, avoiding dentin wear that could compromise the tooth's structure.

The product's enhancements result in reduced instrumentation time for the root canal, using only one file to shape the canal after achieving patency. This allows more time for disinfection and enables the treatment of a larger number of patients without compromising safety and flexibility.

The variety of Logic models allows users to select the ideal file from a wide range of options for each endodontic procedure. This means that the Logic System adapts to the patient's needs and is the only system in the world with this level of versatility.

LEARNING CURVE

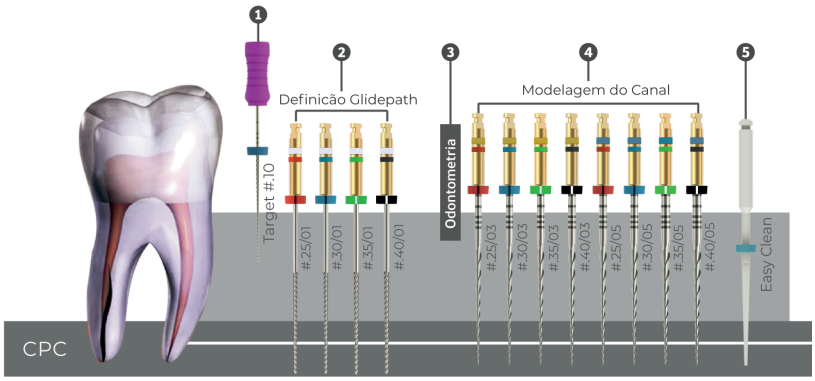
The Logic system's design enables a simple and intuitive use methodology, requiring only one file to shape the canal after achieving patency. The simplicity of achieving patency facilitates user proficiency as experience with the system grows. Easy Bassi offers two pre-determined sequences to assist users in adopting the system.

By using just one file for canal shaping, clinicians have more time for disinfection and can treat a higher number of patients without compromising safety or flexibility.

Clinical Case

Dr. Fernando Gonçalves

Protocol



1. Target File #.10 - Exploration of the middle cervical third (canal direction).
2. Glide File #.25/01, #.30/01, #.35/01, or #.40/01, selected according to the foramen diameter - Gentle "back-and-forth" motion until patency is achieved.
3. Odontometry
4. Final Shaping File #.25/03, #.30/03, #.35/03, #.40/03, #.25/05, #.30/05, #.35/05, or #.40/05, selected based on the Glide file diameter that determined the apical foramen size (use only 1 file) - Gentle apical movement until reaching the working length (WL). If resistance is encountered, perform minor pre-enlargement with the same file.
5. Easy Clean File in reciprocating (RCT) or rotary motion with final irrigation.

Note: Irrigate between each file change.

New

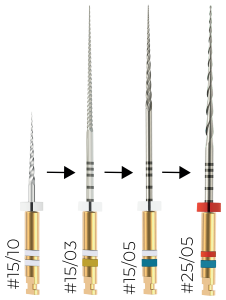
LOGIC SEQUENCE

The Logic Sequence system was designed to provide a variety of files for dentists, allowing them to select the most suitable file for each specific case.

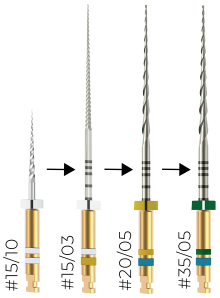
To facilitate the introduction of the Logic System, Easy Bassi offers two pre-determined sequences that assist beginners and simplify the adaptation process. As a result, the learning curve for the Logic System is reduced.

Both sequences consist of 4 instruments: 1 Orifice Shaper file, 1 glide file, and 2 final shaping files:

- 15/10, 15/03, 15/05, and 25/05
- 15/10, 15/03, 20/05, and 35/05



Logic Sequence 1



Logic Sequence 2

The sequences are designed to cover a wide range of dental anatomies, from simple clinical cases to more complex treatments.

The files that make up the Logic Sequence offer the same advantages and unique features as the individually sold instruments: special heat treatment, smart design, cutting power, safety, and flexibility.

For optimal performance of the suggested sequence, it is highly recommended that users train with artificial teeth, acrylic blocks, or similar models to become familiar with the instruments' operating mechanics.

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